सत्यमेव जयते

Annual Public Health Report for the Year 1949

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CHAPTER I.

Meteorology.

1. *Rainfall.*—The rainfall during the month of June and August was generally below normal except in July when there was substantial rain almost throughout the Province except in part of Deccan and Karnatak.

CHAPTER II.

Vital Statistics (including Population and Emigration and Immigration).

2. *General Remarks.*—As a result of the merger of the Deccan States (including Kolhapur), Gujrat States, Baroda State and Dangs the number of Districts in the Province has increased from 20 to 28. The population of the Province according to 1941 census has increased from 208,15,697 to 294,72,825. The vital statistics of the merged areas have been included in the Provincial Statistics during the year under report. It is however possible that the statistics from the merged areas which have been made available for inclusion in the report may not be as complete as they should be. The previous year's statistics mentioned in this report are however exclusive of those of the merged areas.

The total birth rate of the Province showed a decline from 33·35 in 1948 to 30·67 in 1949. The quinquennial average birth rate during the five years ending 1948 was 33·41. The death rate also showed a decline from 21·57 in 1948 to 19·25 in 1949 the quinquennial average death rate being 24·30. The decrease in death rate as compared to the previous year was shared by almost all causes of deaths except Fevers which showed an increase of ·50 and Smallpox of ·06. As compared with 1948 the year under report was a healthy one. The death rate (19·25) recorded during the year was the lowest. The infant mortality rate (140·57) was also the lowest and showed a decline of ·81 as compared with the previous year. Of the three major epidemic diseases Cholera and Plague showed a considerable decline. Smallpox incidence was however slightly higher showing an increase of ·06. The percentage of still births to live births was 1·12 as compared to 1·37 in 1948. The maternal mortality rate per 1,000 registered births including still births was 4·31 as compared to 4·92 in 1948.

Details regarding causes of deaths are described in Chapter III.

3. For Public Health Administration the Province is divided into three Registration Districts. Baroda State area was temporarily under an additional Assistant Director pending reconstitution of Districts and Registration Districts. In addition to Bombay City, there were 28 Districts comprising of 304 rural circles (Talukas and Mahals), 253 town circles and six cantonments. These divisions are shown in Appendix V.

4. *Population.*—The 1941 census population of the Province was 294,72,825. The mid-year estimated population for 1949 according to the arithmetical progression method works out to 334,36,471. This shows an increase of 13·3 per cent. over the census population of 1941. The area in square miles is 107,535 and average population per square mile is 310.

5. *Changes in area.*—As a result of the merger of the Deccan States (including Kolhapur), Gujrat States, Baroda State and Dangs following new Districts have been formed :—

(1) Satara South.
(2) Kolhapur.
(3) Sabarkantha.
(4) Banaskantha.
(5) Baroda.
(6) Mehsana.
(7) Amreli.
(8) Dangs.

Except for the Districts of Bombay Suburban, Ahmednagar, East Khandesh, West Khandesh and Kanara all other districts were reconstituted on account of the merger of the neighbouring States areas. The total number of districts now in the Province is 28 as compared to 20 in the past. The area in square miles of the province has increased from 76,389 to 107,535. The vital statistics of Dangs District were not available for inclusion in this report hence that District has not been shown in the statistical tables appended to this report.

Vital Statistics.

6. *Births.*—The total number of births registered in the Province during the year was 10,25,611 as compared with 764,421 in 1948 and 748,801 the quinquennial mean of 1944-48.

The annual number of births and birth-rates recorded were :—

Year.	Births.	Birth-rate per mille of population.
1932-35 mean	713,456	38·32
1936-40 mean	752,336	38·31
1941-45 mean	737,836	34·25
1946	744,818	33·20
1947	747,064	32·87
1948	764,421	33·35
1949	10,25,611	30·67

The fall in birth rate during the year under report cannot be taken as an indication of downward trend. The Indian States areas comprising of about, 31,000 square miles and a population of about 86,57,128 have been newly merged in the Province and the old system in existence in these areas had to be depended upon for the reporting of vital statistics. It is possible the available statistics may not be as complete as they should be.

7. *Birth rates in Collectorates.*—The highest birth rate was recorded in Dharwar District (40·86). The other districts in order were Kolhapur (40·35), Bijapur (39·13) and West Khandesh (39·07). The lowest birth rate was reported in the district of Panch Mahals (20·35).

The rates reported in Banaskantha (6·33) and Sabarkantha (2·76) are evidently the result of incomplete statistics. Of the total 27 districts excluding Dangs two recorded birth rate over 40 per mille, 14 between 30 and 40 per mille, nine between 20 and 30 per mille and two below 20 per mille of estimated population.

8. *Births in urban areas.*—The number of births recorded in town circles was 244,297 giving a birth rate of 33·87. High birth rates were recorded in the towns of Uran (88·64), Ratnagiri (71·86), Dohad (66·95) and Alibag (61·08). Low rates were returned from Yeola (6·20), Cambay (6·22) and Gokarn (9·92).

9. *Births in Bombay City.*—The number of births recorded in Bombay City was 58,080, the birth rate being 32·93 as against 54,629 and 31·56 respectively in 1948.

10. *Births in Cantonments.*—Among the six Cantonments the highest birth rate was recorded in Poona Cantonment (29·74) and the lowest in Belgaum (11·64).

11. *Births according to sex.*—Of the total births 531,225 were males and 494,386 females. For every 100 female births there were 107·45 male births.

12. *Still births.*—Still-births numbered 11,488, i.e., 1·12 for every 100 live births as against 10,526 and 1·37 in 1948. The percentage recorded in Bombay City was 5·72. Distribution by classes, sex and Districts is shown in Annual Form No. I (*a*) in Appendix V.

13. *Verification of Vital Statistics.*—The Officers of the Public Health Department detected 2,784 births and 108 deaths which had not been registered in the different areas of the Province. The omissions were brought to the notice of the local authorities for necessary action.

14. *Deaths.*—The total number of deaths recorded in the Province during the year under report was 643,890 as compared with 494,581 in 1948, the quinquennial average being 544,175. The annual mortality figures and death rates were as below :—

Year.	Deaths.	Death-rate per mille of estimated population.
1932-35 mean	486,484	25·11
1936-40 mean	506,845	25·81
1941-45 mean	540,034	25·05
1946	516,897	23·04
1947	568,044	25·00
1948	494,581	21·67
1949	643,890	19·25

15. *Deaths rates in Collectorates.*—The highest death rate was recorded in Sholapur District (26·11). Eleven Districts had death rate above 20 but below 27 per mille of population, sixteen had death rate below 20. The lowest death rate was recorded in the District of Panch Mahals (14·46). The rate recorded in Banaskantha (4·05) and Sabarkantha (1·85) is the result of incomplete registration.

16. *Death rates in rural areas.*—The number of deaths recorded in rural areas was 489,383 giving a ratio of 18·66 per mille of estimated population. As far as rural areas are concerned high death rates were recorded in the Districts of Bombay Suburban (26·52), Sholapur (26·41), West Khandesh (26·38) and Nasik (26·13).

17. *Death rates in urban areas.*—The total death rate for urban areas was 21·42. The towns reporting high death rate were :—

Uran (53·75), Dehgam (40·62), Mahudha (36·91), Pandharpur (36·54) and Malad (35·81).

Low death rates were recorded in Gokarn (7·03), Parle Andheri (8·13), Islampur (8·54) and Jawahar and Manmad (8·69).

18. *Death rates in Cantonments.*—The lowest death rate was recorded in Deolali Cantonment (6·46) and the highest in Ahmednagar Cantonment (16·92).

19. *Excess of Births over Deaths.*—Births exceeded deaths by 381,721 against 269,840 in 1948. The percentage increase in population was 1·14.

20. *Deaths according to sex.*—The deaths of males numbered 331,317 and of females 312,573. The ratio of deaths of males to 100 deaths of females was 105·99 as compared with 106·95 in 1948.

21. Deaths by castes or classes and by sex are recorded in Annual Form No. V, Appendix V.

22. *Deaths according to causes compared with previous years.*—The following table shows the number of deaths during 1949 and the ratio per 1,000 of population arranged according to census and compared with figures for 1948 and with the average for the preceding five years.—

	1948		1949		Mean of 5 years.	
	Number.	Ratio.	Number.	Ratio.	Number.	Ratio.
Cholera ..	5,532	·24	2,333	·07	8,014	·36
Small-pox ..	3,239	·14	6,768	·20	5,146	·23
Plague ..	1,305	·06	1,139	·03	4,417	·20
Fevers ..	177,918	7·76	276,137	8·26	196,218	8·76
Dysentery and Diarrhoea .	18,180	·79	21,744	·65	21,270	·95
Respiratory Diseases ..	97,900	4·27	99,708	2·98	102,749	4·59
Injuries ..	6,867	·30	7,849	·23	6,884	·31
Other causes ..	183,640	8·01	228,212	6·83	199,477	8·90
All causes ..	494,581	21·57	643,890	19·25	544,175	24·30

Graphs showing the incidence of deaths under the chief causes for the year under report compared with the previous years are shown in charts I and IV, Graphs showing the annual incidence of deaths from epidemic diseases, cholera, smallpox and plague are shown in Chart VI.

23. *Infant Mortality.*—Deaths under one year numbered 144,168 during 1949 as compared with 108,077 in 1948, the ratio per 1,000 births being 140·57 and 141·38 respectively. Male infant deaths exceeded female infant deaths by 9,490. Of the infants who died 51,406, i.e.

36 per cent. of the total were under one month old among whom 30,016 or 21 per cent. of the total infant deaths were under one week and 21,390, i.e. 15 per cent. of the total infant deaths were over one week. Of the remaining 54,055, i.e. 37 per cent. were over one month and under six months and 38,707, i.e. 27 per cent. were between six and twelve months old. In 1948 the percentage in the age groups of under 1 month, between one and six months and six and twelve months was 39, 37 and 24 respectively.

24. *Infant mortality in urban and rural areas.*—The urban and rural infant death rates per 1,000 registered births for the province were 154·98 and 136·06 as compared with 153·27 and 137·04 respectively in 1948. The towns reporting high infant mortality rate were Umreth (350·70), Pandharpur (279·69), Dehgam (274·59) and Shrirampur (272·72). The high rates are evidently the result of defective registration of births. Among rural areas the Districts of Nasik (234·72), Broach (195·38) and Ahmedabad (180·55) recorded high infant mortality rate. Infant mortality in 1949 as compared with the previous years is shown in the table below :—

Year.	Deaths under 12 months.			Births registered.		
	Male.	Female.	Total.	Male.	Female.	Total.
1916-20 mean ..	64,131	55,719	119,850	291,606	274,110	565,716
1921-25 mean ..	54,635	46,147	100,782	301,679	282,575	584,254
1926-30 mean ..	64,088	54,286	118,374	330,921	311,953	642,874
1931-35 mean ..	64,045	53,842	117,887	366,082	344,345	710,427
1936-40 mean ..	66,906	56,929	123,835	387,420	364,913	752,333
1941-45 mean ..	63,864	54,820	118,684	381,082	356,755	737,837
1946 ..	64,469	56,776	121,245	384,871	359,947	744,818
1947 ..	64,568	56,383	120,951	368,345	360,719	747,064
1948 ..	58,029	50,048	108,077	395,558	368,863	764,421
1949 ..	76,829	67,339	144,168	531,225	494,386	10,25,611

Year.	Infant death-rate per 1,000 births.			Infant deaths per 100 of total deaths.
	Male.	Female.	Total.	
1916-20 mean ..	219·93	203·27	211·86	15·92
1921-25 mean ..	181·10	163·31	172·50	23·09
1926-30 mean ..	193·67	174·02	184·13	24·62
1931-35 mean ..	174·95	156·36	165·94	24·37
1936-40 mean ..	172·74	155·98	164·61	22·70
1941-45 mean ..	165·57	153·44	160·83	22·01
1946 ..	167·51	157·71	162·78	23·45
1947 ..	167·12	156·31	161·90	21·29
1948 ..	146·70	135·68	141·38	21·85
1949 ..	144·63	136·21	140·57	22·39

CHAPTER III.

The State of Public Health in the Bombay Province and History of Chief Diseases.

25. *General remarks on the health of the Province.*—The increase of 149,309 deaths and 261,190 births recorded during the year as compared with the previous year was due to the fact that vital statistics of merged States have been included in the Provincial statistics during the year under report but the previous year's statistics mentioned in this report are exclusive of those of the merged areas. There was a decline of 2·68 in the birth rate of the province viz. 30·67 during the year as compared to 33·35 in 1948 and of 2·74 as compared with the quinquennial average, 33·41. The death rate also showed a decline from 21·57 in 1948 to 19·25 in 1949 and the quinquennial average of 24·30. The decrease in the death-rate as compared to the previous year was shared by almost all causes of deaths, viz. Cholera which showed a decline of ·24, plague of ·03, Dysentery and Diarrhoea of ·14, Respiratory Diseases of 1·29 and other causes of 1·18. Increase in death-rate was however shared by Fevers of ·50 and Smallpox ·06. The health conditions of the province thus compared favourably with the previous year. In spite of the considerable increase in the number of births during the year under report, the infant mortality rate 140,57 was the lowest on record, the next lowest being 141·38 in 1948. Maternal deaths numbered 4479.

Details of various diseases as compared with the previous year and also with the quinquennial average are given under separate headings in paragraph 22 and further comparison shown in graphic form in the charts inserted in the report.

26. *Fevers* (General prevalence).—Deaths due to fevers numbered 276,137 in 1949 against 177,918 in 1948. The death rate was 8·26 against 7·76 in the previous year. The urban death rate was 5·87 and the rural 8·91. The mean death-rate of the Province due to this cause of the previous 5 years was 8·76.

Fever mortality in previous years.—The mortality recorded under this heading in previous years is as given below :—

Year.	Fever deaths.	Rate per mille.
1932-1935 mean	164,501	8·88
1936-1940 mean	170,658	8·68
1941-1945 mean	193,068	8·95
1946	185,993	8·29
1947	201,615	8·88
1948	177,918	7·76
1949	276,137	8·26

Distribution of fever deaths is shown in Annual Form No. IX.

27. *Death-rates from fevers in Collectorates.*—High death rates from fevers were reported in the Collectorates of Amreli (15·1), Broach (13·9), Baroda (13·6), Ahmedabad (13·5), Mehsana (13·4), East Khandesh (12·1), West Khandesh (10·9), Panch Mahals (10·7) and Kolaba (10·5).

28. *Death-rates from fevers in urban and rural areas.*—High death rates from fevers were recorded in the towns of Dehgam (36·20), Kamadoli (24·23), Nadiad (21·44), Dohad (21·00), Mehmedabad (20·17), Kaira (19·61) and Dhanduka (19·02). In rural areas high death rates were recorded in the districts of Amreli (15·4), Broach (15·3), East Khandesh (13·2), Mehsana (12·1), and Ahmedabad (11·8). Out of total deaths (276,137) due to fevers, 45,628 are accounted for by the sub-heads Malaria (35,389), Enteric fever (5,382), Measles (4,762), Influenza (52), Cerebro Spinal Fever (35), Kala Azar (3), Beri Beri (3) and Typhus (2). The remaining deaths come under the omnibus heading of "other fevers" for want of specific details regarding the causes of deaths. Details of deaths from fever are shown below :—

Malaria : (*vide* Chapter V).

29. *Enteric Fever.*—Deaths due to Enteric fever during 1949 numbered 5,382 against 5,209 in 1948, the ratios being ·16 and ·23 respectively.

30. *Deaths from enteric fever in urban and rural areas.*—The disease was more prevalent in the towns of Ahmedabad (105 deaths), Surat (94) and Sholapur (67). Bombay City had 1,120 deaths due to this cause as compared with 1,038 in 1948. In the rural areas more deaths due to enteric fever occurred in the Districts of Dharwar (465), Kolaba (356), Thana (296), Belgaum (263) and Bijapur (233).

In the affected areas preventive measures such as inoculation with T. A. B. vaccine, disinfection of water supplies, anti-fly campaign and propaganda by means of leaflets were carried out. The Haffkine Institute, Bombay, continued to give diagnostic aid by examining clinical material sent by private medical practitioners free of charge in case of enteric fever, Diphtheria, Cholera, Dysentery, Plague, Cerebro Spinal Fever and Malaria. In Bombay City and Bombay Suburban areas arrangements were also made to send a Medical Officer from the Haffkine Institute to collect such samples from the cases at the request of medical practitioners.

A Committee was appointed by the Government of Bombay early this year with the Director of Public Health for the Government of Bombay as the Chairman to study the incidence of Typhoid group of fevers in the various parts of Bombay City and the suburbs in different seasons, methods of spread of the diseases and to recommend measures to check its spread. The Committee submitted its report to Government by the end of November 1949.

31. *Measles.*—Deaths due to measles numbered 4,762 in 1949 against 4,353 in 1948, the respective ratios being ·14 and ·19.

32. *Deaths from Measles in Urban and Rural areas.*—The disease was more prevalent in the towns of Sholapur (266), Ahmedabad (139), Nadiad (126), Dhulia (113), Gadag-Betgeri (85) and in rural areas in the districts of Belgaum (468), Dharwar (384), Kolhapur (280), Ahmedabad (196) and Broach (195). Bombay City reported 180 deaths due to this cause against 88 in 1948.

33. The Province was free from Relapsing Fever during the year.

34. *Kala Azar.*—Three deaths due to this cause were reported in the Province from Bombay City.

35. *Typhus.*—Two deaths due to this cause occurred in Bombay City.

36. *Cerebro Spinal Fever.*—Of the 35 deaths recorded under this heading in the Province, 31 were from urban areas and 4 from rural areas. Among towns, Bombay City had (24 deaths), Broach (3), Ahmedabad (2) and Surat and Dhulia 1 each. The 4 deaths reported from the rural areas were from Baroda District.

37. *Respiratory Diseases.*—The total number of deaths due to Respiratory Diseases in the province numbered 99,708 in 1949 against 97,900 in 1948, the mean of the previous 5 years being 102,749. The mortality recorded under this head in previous years is given below :—

Year.	Deaths.	Ratio per mille of population.
1932-35 mean	95,829	5·14
1936-40 mean	112,227	5·72
1941-45 mean	104,554	4·85
1946	94,460	4·22
1947	106,793	4·70
1948	97,900	4·27
1949	99,708	2·98

There was an increase of 1,808 deaths due to this cause during 1949 over 1948. Of the total deaths due to Respiratory diseases 25 per cent. were reported to be due to Phthisis, 16 per cent. due to Pneumonia and 2·1 due to Whooping Cough. The bulk of the deaths (57 per cent.) were returned under the heading "Other respiratory diseases" for want of definite information. The death rate for urban areas was 4·69 and for rural areas 2·51.

38. *Death rates from Respiratory Diseases in the Collectorates.*—High death-rates were recorded in the districts of Ahmednagar (6·08), Ratnagiri (4·21), Bombay Suburban District (3·73), Kolaba and West Khandesh (3·63) each, Bijapur (3·55), Nasik (3·51), Poona (3·44) and Kolhapur (3·28). Low rates were recorded in the Districts of Sabarkantha (·07), Mehsana (·1), Baroda (·2) and Amreli (·3).

39. *Death rates from Respiratory Diseases in urban and rural areas.*—High death rates were recorded in the towns of Matheran (12·8), Malad (12·61), Uran (11·22), Dakore (8·97), Pandharpur (8·36) and Ratnagiri (8·05). In rural areas high death-rates were recorded in the Districts of Ahmednagar (6·08), East Khandesh (4·50), and Ratnagiri (4·21).

40. *Phthisis.*—There were 24,739 deaths due to Phthisis recorded during the year against 21,513 in 1948. Government has provided facilities free of cost for diagnosis and treatment of cases of Phthisis at the Civil Hospitals at Ahmednagar, Surat, Poona, Nasik, Sholapur and Belgaum. Progressive municipalities like Bombay and Ahmedabad have their own clinics and there are also private sanitoria including Charitable ones at places like Malavali, Talegaon, Miraj, Hukeri, Panchgani, Deolali, Khandala and Vengurla. Hospital for the diseases of chest has been opened by Government at Aundh near Poona.

41. *Deaths from Phthisis in urban and rural areas.*—The urban death-rate was 1·12 and the rural ·63 as compared with 1·12 and ·87 in 1948. Among towns high death rates due to Phthisis were reported from Uran (4·00), Matheran (3·91) and Ratnagiri (3·33). High rates from rural areas were reported from the Districts of Kolaba (2·23), Ratnagiri (1·46), Bombay Suburban (1·20), Kolhapur (1·16) and Satara North (1·13). The death-rate in Bombay City was 1·32 in 1949 against 1·24 in 1948.

42. *Pneumonia.*—There were 16,607 deaths due to Pneumonia in 1949 against 16,464 in 1948. The death-rate was ·50 per mille of estimated population as compared with ·72 in 1948.

43. *Death-rate from Pneumonia in urban and rural areas.*—The urban death rate was 1·78 and the rural ·14. High death-rates for urban areas were recorded in the towns of Malad (5·95), Sholapur (4·48) Pandharpur (4·34), Anand (2·91) and Uran (2·81) and in rural areas in the Districts of Bombay Suburban (·65), Surat (·48), Thana (·38) and Broach (·36).

44. *Whooping cough.*—There were 2,346 deaths due to this cause as compared with 2,969 in 1948. The death rate was ·07 against ·13 in 1948. The urban death-rate was ·06 and the rural ·07.

45. *Dysentery and Diarrhoea.*—Deaths under this heading numbered 21,744 as compared with 18,180 in 1948, the death rates being ·65 and ·79 respectively.

46. *Dysentery.*—Under this heading 7,361 deaths were recorded against 3,647 in 1948, the urban and rural figures in 1949 being 2,079 and 5,282 respectively.

47. *Diarrhoea.*—There were 14,383 deaths due to this cause in 1949 against 14,533 in 1948. 4,802 deaths were contributed by urban areas and 9,581 by rural areas.

In appendix I a table is given showing the effects on the death-rates of the introduction of the piped water supply.

48. *Injuries.*—7,849 deaths due to Injuries were reported against 6,867 in 1948.

49. *Deaths from snake-bite.*—There were 877 deaths due to this cause during the year.

50. *Deaths from Rabies.*—70 deaths due to Rabies were recorded during the year against 87 in 1948.

51. *Suicidal deaths.*—785 deaths were reported (342 among males and 443 in females) due to this cause against 747 in 1948.

52. *Deaths from other causes.*—The number of deaths registered was 228,212 against 183,640 in 1948, the death-rate being 6·83 and 8·01 respectively. The death-rates recorded under this head in previous years were as under :—

Year.	No. of deaths.	Ratio per mille.
1932-35 mean	166,147	8·92
1936-40 mean	175,572	8·93
1941-45 mean	190,113	8·82
1946	198,288	8·84
1947	214,448	9·44
1948	183,640	8·01
1949	228,212	6·83

53. *Deaths from Child-birth.*—Under this heading there were 4,479 deaths during 1949 against 3,815 in 1948. The maternal mortality rate per 1,000 registered births including still births in the province works out to 4·31 as compared with 4·92 in 1948. Of the total deaths from child birth 3,383 occurred in rural areas and 1,096 in urban areas. Bombay City reported 167 deaths due to this cause in 1949 against 91 in 1948.

54. *Diphtheria.*—187 deaths due to this cause were reported during the year against 131 in 1948. Of these 164 occurred in urban areas and 23 in rural areas.

55. *Chickenpox.*—Under this head 481 deaths were recorded during 1949 against 423 in 1948.

56. *Leprosy.*—There were 854 deaths due to Leprosy in 1949 against 789 in 1948. Of these 620 occurred in rural areas and 234 in urban areas. Among rural areas the Districts of East Khandesh (104 deaths), Satara North (112), Satara South (74) and Sholapur (58) and among towns Bombay City (109) had higher number of deaths due to leprosy.

57. *Cancer.*—There were 1,243 deaths due to this cause during 1949 against 981 in 1948. In urban areas there were 800 deaths of which Bombay City contributed 438 deaths. In rural areas the deaths numbered 443.

58. *Mumps.*—There were 6 deaths due to mumps during the year all of which were from the rural areas.

59. *Beri Beri.*—The Province was free from this disease.

60. *Acute Anterior Poliomyelitis.*—The total number of deaths due to this cause was 88 against 3 in 1948. The incidence of poliomyelitis increased during the year specially in Bombay City and Poona City. In the urban areas the deaths were mainly reported from Bombay City (65 deaths) and Poona (14).

In Bombay City necessary measures were carried out by the Municipality such as disinfection of premises and large scale destruction of flies by means of DDT spraying, insecticidal dusting and fogging etc. Educative propaganda regarding precautionary measures to be taken, advantages of hospitalisation etc. was also carried out. Arrangements were also made for admission and treatment of cases in the municipal group of hospitals, Sion, Byramji Jeejeebhoy hospital for children and Bai Jerbai Wadia Hospital for Children. In Poona City also a separate block in the Infectious Diseases Hospital, Poona, was opened for admission and treatment of cases of Poliomyelitis. Five nurses of the mobile hospital unit, Central Registration District were detailed to work at the Infectious Diseases Hospital to assist the staff in treating cases.

Special powers under the Bombay Municipal Boroughs Act or the Bombay District Municipal Act as the case may be were bestowed by Government on all the Municipalities in Bombay Suburban and Thana Districts and on Poona, Ahmedabad, Sholapur, Surat and Baroda Municipalities to enable them to take necessary preventive measures against the spread of the disease.

The number of deaths from the Chief causes for each District and by months is shown in Annual Forms VII to XII in appendix V to this report.

CHAPTER IV.

Epidemiology.

61. *Cholera.*—2,333 deaths due to cholera were registered during the year as against 5,532 in 1948, the quinquennial average being 8,014. The death rate for the year was ·07 against ·24 in 1948 and ·36 the quinquennial mean. The total number of cases reported was 4,652 giving a case mortality rate of 50 per cent.

The following table gives the number of deaths recorded in previous years since 1911 :—

Year.		No. of deaths.	Year.		No. of deaths.
1911	..	5,808	1931	..	18,576
1912	..	57,789	1932	..	1,338
1913	..	5,108	1933	..	7,794
1914	..	17,778	1934	..	11,361
1915	..	350	1935	..	11,191
1916	..	18,610	1936	..	11,304
1917	..	16,554	1937	..	10,992
1918	..	8,832	1938	..	3,813
1919	..	51,235	1939	..	1,786
1920	..	2,047	1940	..	716
1921	..	3,092	1941	..	16,706
1922	..	2,743	1942	..	11,095
1923	..	9,212	1943	..	10,780
1924	..	7,827	1944	..	1,639
1925	..	56	1945	..	24,691
1926	..	72	1946	..	229
1927	..	26,020	1947	..	7,980
1928	..	6,667	1948	..	5,532
1929	..	2,673	1949	..	2,333
1930	..	15,142			

Distribution *vide* Annual Form No. VII.

62. *Deaths from Cholera by Districts.*—The districts from which high prevalence of cholera was reported were Nasik (526 deaths) and West Khandesh (406 deaths). The Districts of Ahmednagar, Sholapur, Satara South, Satara North and Thana reported moderate infection.

63. *Deaths from Cholera in urban and rural areas.*—Deaths in urban areas numbered 303 and in rural areas 2,030. Among towns high number of deaths were reported from Taloda (47), Sinnar (33), Nasik (32), Kopargaon (29) and Malegaon (28).

64. *Brief history of Cholera epidemic.*—The disease was prevalent throughout the year, the incidence upto April being mainly of a sporadic type. The highest incidence was during July and August. The subsequent months recorded a gradual decline. 939 villages were affected in the Province. In Nasik District 119 villages were affected. After a few cases recorded during January and February the month of March reported no case. The infection reappeared in April and lasted till September. During June and July the incidence was high as compared to other months. Sinnar, Malegaon and Nasik talukas were mainly affected. In West Khandesh District 79 villages were involved. The infection started in June and the majority of cases were reported during July and August followed by a rapid decline in September. The talukas of Taloda, Sakri, Sindkheda and Nandurbar were mainly affected. Sholapur District had infection in 75 villages. The outbreaks were late mainly during

October and November. Sangola, Pandharpur, Malsiras, Karmala and Mangalwedhe talukas were more affected as compared to others. In Satara North District 70 villages reported infection which was mainly confined to the period between August to October. Eleven talukas were more or less affected. In Ahmednagar District cases occurred in 104 villages. The infection lingered almost throughout the year with slight increase during the period April to June. In Satara South 36 villages and in Thana 14 villages were affected. The remaining districts had only mild infection except the Districts of Broach, Banaskantha, Sabarkantha, Baroda, and Amreli which were totally free.

65. *Preventive measures against Cholera.*—Preventive measures against cholera were organised in all the affected Districts which included mass anti-cholera inoculation, disinfection of water supplies and of infected premises, etc. The motor transport available with District Health Officers greatly facilitated the quick movement of staff and material to the infected areas. Temporary staff of inoculators was appointed in the Districts of Nasik, West Khandesh, Ahmednagar, Sholapur, Satara North, Thana, East Khandesh, Poona, Kolaba and Belgaum to assist the permanent staff in carrying out mass inoculation campaign.

66. The Mobile Hospital Unit of the N. R. D. treated 36 cholera cases in West Khandesh District. At Kalyan in Thana District a temporary Infectious Diseases Hospital ward was opened in which 81 cholera patients were admitted.

67. *Inoculations.*—The total number of anti-cholera inoculations performed during the year was 17,12,850 against 17,59,118 in 1948.

68. *Smallpox* (General prevalence).—A higher incidence of smallpox was recorded during the year as compared to the previous year. The deaths due to this cause numbered 6,768 as compared with 3,239 in 1948. The death rate was ·20 against ·14 in 1948. The quinquennial mean of smallpox deaths was 5,146 with a ratio of ·23. The annual mortality for the previous years is given in the following table :—

Year.	No. of deaths.
1901-10 mean	4,775
1911-20 mean	4,430
1921-30 mean	6,337
1931-40 mean	5,536
1941	3,784
1942	2,744
1943	3,898
1944	7,212
1945	4,699
1946	8,421
1947	2,161
1948	3,239
1949	6,768

The number of cases was 21,860 and the case mortality rate worked out to 31 per cent.

Of the 6,768 smallpox deaths 1,222 were among infants under one year of age and 1,663 among children between 1 and 10 years i.e. about 43 per cent. of the total smallpox deaths were among children below 10 years of age.

69. *Deaths from smallpox by Districts.*—Higher incidence was recorded in the Districts of Ahmedabad (1,122 deaths), Baroda (463), Poona (437) and Ahmednagar (403). Bombay city recorded 559 deaths due to smallpox.

70. *Deaths from smallpox in urban and rural areas.*—The urban deaths numbered 2,215 and rural 4,553. Among towns high number of deaths was reported from Ahmedabad (686), Surat (113), Viramgaum (82), Jambusar (78), and Umreth (64).

71. *Brief history of smallpox epidemic.*—Smallpox was comparatively severe as compared to the previous year the death rate being ·20 in 1949 as compared to ·14 in 1948 per mille of population. The infection was present throughout the year highest incidence however being recorded during March and April. The infection which was mild during June and July progressively declined till November, December recorded a slight rise in the incidence. The total number of villages involved was 1,154. Among the Districts Ahmedabad in which 68 villages were affected, reported the highest number of deaths (1,122) out of which 686 were shared by Ahmedabad town alone. The maximum incidence was during January, February and March. Since April the infection rapidly declined and the District was totally free from August to the end of the year. Other Districts were comparatively less involved. Baroda District had 463 deaths, majority of which were reported during the period February to April. Poona District with 437 deaths had infection in 140 villages the incidence being fairly distributed during the period February to December. In Ahmednagar District the 403 deaths were reported from 150 villages as a result of the infection which lingered almost equally throughout the year. The remaining Districts had infection varying from mild to sporadic.

In the affected and threatened areas vaccination and revaccination campaign was carried out by the vaccination staff assisted by temporary staff in severely affected areas. The Public Health staff during their tour carried out propaganda in favour of vaccination and prompt notification of cases by means of magic lantern slides, leaflets, posters and talks.

Diseases Hospitals :—

1949

Ages.	Total No. of cases.	A — Vaccinated as evidenced by the presence of one or more vaccination cicatrices. Attacked after following years after vaccination. Less than 1 year.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 and above.	Year not known.	Total among vaccinated.	B — Stated to have been successfully vaccinated but no vaccination cicatrix present.	C — Stated to be unvaccinated (or vaccinated unsuccessfully and no vaccination cicatrix present).	D — Previously unvaccinated but vaccinated during incubation of Smallpox.	E — Stated to have been successfully revaccinated.
1	2	3																	4	5	6	7	8
Under one year.	78	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	3	65	1	....
1	41	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	....	35	2	....
2	47	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	2	37	....	....
3	37	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	....	28	1	....
4	25	..	1	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	7	1	17	....	....
5	29	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	8	1	20	....	....
6	19	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..	4	1	14	....	....
7	13	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	3	....	10	....	....
8	15	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	3	3	9	....	....
9	9	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	2	1	6	....	....
10	30	..	..	..	..	..	..	..	..	..	11	..	..	..	..	..	..	..	11	....	19	....	....
11	11	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	4	3	4	....	....
12	32	..	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..	15	....	17	....	....
13	12	..	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	4	....	8	....	....
14	30	..	..	..	..	..	..	..	..	..	..	..	..	..	13	..	..	..	13	1	16	....	....
15	45	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	..	12	....	33	....	....
20	363	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	161	..	161	9	193	....	....
25	339	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	170	..	170	6	163	....	....
30	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	62	..	62	....	68	....	....
35	44	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	15	1	28	....	....
40	23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	..	12	....	11	....	....
50	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	..	9	....	5	....	....
60	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	3	....	2	....	....
70	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	....	1	....	....
80 and upwards.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	....
Total ..	1,394	13	9	8	6	8	4	3	3	2	11	4	15	4	13	12	433	..	548	32	810	4	....

73. *Plague*: (General prevalence).—Deaths due to plague numbered 1,139 as compared with 1,305 in 1948 and 4,417 the quinquennial mean. The death rate was ·03 as compared with ·06 in 1948 and ·20 the quinquennial mean.

The infection was generally of a mild type. The incidence recorded was the lowest since 1944. The infection was reported from 262 villages from 86 Rural Circles. The total number of attacks recorded was 2,311 giving a case mortality of 49 per cent.

The deaths due to plague recorded in each year since 1911 are given below :—

Year.	No. of deaths.	Year.	No. of deaths.
1911	97,248	1931	3,506
1912	27,863	1932	14,446
1913	24,840	1933	24,560
1914	18,529	1934	13,307
1915	40,689	1935	2,453
1916	79,349	1936	578
1917	1,59,858	1937	506
1918	73,893	1938	406
1919	9,041	1939	1,472
1920	13,471	1940	5,573
1921	4,617	1941	5,311
1922	7,692	1942	680
1923	33,251	1943	715
1924	9,092	1944	2,514
1925	12,551	1945	11,779
1926	9,839	1946	3,405
1927	4,075	1947	3,081
1928	13,563	1948	1,305
1929	18,014	1949	1,139
1930	5,026		

74. *Deaths from plague in Districts.*—Of the 14 affected districts, the highest incidence was reported from Satara (North) District (264 deaths). The next in order of severity were Poona District (261 deaths), West Khandesh (246) and Ahmednagar (116). The infection in the Districts of East Khandesh, Nasik and Sholapur, was moderate. All the Districts in Gujrat and the Districts of Thana, Ratnagiri, Kanara, Satara South, Baroda, Mehsana and Amreli were completely free from the disease. In other Districts there was only mild incidence. Bombay City reported only 2 deaths due to plague during the year.

75. *Brief history of plague epidemic.*—The infection of the previous year was carried over resulting in 209 deaths in the Province during January 1949. It then subsided rapidly upto May during which month only 4 deaths were recorded. Since June there was an upward trend upto October. The infection however prevailed in a subdued form throughout. In Satara (North) District the infection was prevalent throughout the year but in a subdued form upto July during which period only 47 deaths were recorded. From August the disease took an upward trend till October during which month there were 81 deaths. Then again it began to decline. In Poona District the disease was prevalent throughout the year except the month of May. Highest number of deaths (63) was recorded in the month of September. In West Khandesh the infection of the previous year was carried over and in the month of January the highest number of deaths viz., 121 was recorded. The disease was totally absent in the District during the months of April to July and again reappeared in August and continued in a very mild form upto November.

76. *Ratting operations:*—The ratting operations carried out in municipal towns in the Province excluding Bombay City resulted in 883,894 rats being caught and destroyed. Of these 19,194 were examined and only 3 were found infected by plague. In Bombay City the ratting operations were conducted as usual throughout the year and 579,239 rats were caught and destroyed. Also 157,737 rats were found dead or killed. 49,048 rats were examined of which 6 were found infected by plague.

77. Anti-plague measures organised consisted of mass inoculation, disinfestation of infected premises with D. D. T., sovacide emulsion and insufflation of rat burrows with 10 per cent. D. D. T. powder for which special staff of temporary Medical Officers, Inoculators and Squads personnel was appointed to assist the permanent staff. The Mobile Hygiene Units working in Satara, Sholapur, Ahmednagar, Nasik, Bijapur, Belgaum and Dharwar Districts greatly facilitated quick movement of staff and material in plague affected areas. The motor vehicles provided for the remaining Districts also were utilised for similar purposes. In threatened villages and during inter-epidemic period insufflation of rat burrows with 10 per cent. D. D. T. powder was resorted to.

78. The three Mobile Hospital Units working in this Province played an important part in giving treatment to plague cases. The rural population is now realising the benefits of hospital treatment and cases are now brought in voluntarily in early stages. The unit of the N. R. D. continued to work at Nandurbar for treating plague cases upto end of March 1949 from the beginning of the year. During this period 236 cases were admitted of which 197 were discharged cured and 30 died and 9 left against medical advice. The mobile hospital unit of the C. R. D. was functioning at Manchar and Khed in Poona District from January

to May 1949 and from August to December 1949, respectively. During the above periods in all 485 cases of plague were admitted in the hospital of which 403 were discharged cured and 82 died. The mobile hospital unit of the S. R. D. was stationed at Umbraj in Satara District throughout the year and it gave treatment to 299 plague cases. The case mortality recorded was about 15 per cent.

79. *Permanent Plague Organisation.*—A plague organisation has been working in this Province since 1947 but full compliment of the staff could not be appointed during the first two years of its working. During the year under report the staff was further augmented. A separate full time Assistant Director of Public Health Incharge Plague Organisation was appointed. A Plague Control Officer was also appointed. Other staff e.g. Sanitary Inspectors, Mazdurs and Laboratory attendants were appointed.

During the year the field unit of the Plague Organisation was working in West Khandesh District which was one of the severely plague affected Districts during 1948.

In all 44 villages infected by plague were completely sprayed during the months of January to April 1949. The villages tackled were as below :—

Taluka.	Villages.
Nandurbar	26
Sindkheda	6
Sakri	7
Navapur	3
Shirpur	2

In the sprayed villages generally human cases stopped occurring within a period of 7 to 12 days after the completion of spraying. The flea index also came down, considerably as a result of spraying. In some of the infected villages the reduction in flea index as a result of spraying was remarkable as shown below :—

Talukas.	Villages.	Flea Index	
		Before spraying.	After spraying.
Sindkheda	4	1·6 to 7·6 ..	0·7 to 0·0.
Sakri	3	1·9 to 4·9 ..	0·7 to 0·0.
Nandurbar	7	2·5 to 12·7 ..	0·4 to 0·0.
Nawapur	2	8·5 to 9·7 ..	0·4 to 0·12.

Fourteen threatened villages in the immediate vicinity of infected villages were also taken up for D.D.T. spraying and some distant villages for insufflation of rat burrows with 10 per cent. D.D.T.

In the interepidemic period i.e. from middle of April all the villages that were infected late during 1948 were taken up for 10 per cent. D.D.T. insufflation as an interepidemic measure and those in which plague infection continued to prevail early in 1949 or showed high flea index were taken for D.D.T. spraying. The non-infected surrounding villages were taken up for general survey of flea index with the object of checking the subterranean plague infection among rats in those villages. In the months of July and August when there was no plague infection in the District some 16 villages in Dhulia taluka were taken up for survey work. The flea index in these villages was found to be varying from 0·6 to 5·8. The same villages were again taken up from September onwards, for a second round of D.D.T. operations. Flea index survey was also carried out in 3 villages of Sakri taluka, 14 in Nawapur, 19 in Nandurbar and 8 in Sindkheda, which were all non-infected. In all 96 villages were taken up for trapping operations for flea index.

Laboratory Investigation.—During the year the field laboratory was located at Dhulia. The Bacteriological and Entomological Assistant carried out field investigation of rats caught and identified the fleas collected during the field work. In all 19,341 fleas were identified in 115 villages, more than 90 per cent. of which were found to be X cheopis. 18,871 traps were laid and 11,290 rats were caught, of which 11,285 were Rattus Rattus and 5 Suncus Coeruleus.

Total number of houses sprayed by the staff of the Organisation was 13,683 and burrows insufflated 71,654. For the above work 3079·5 lbs. of D.D.T. (Technical), 732·25 lbs. of 10 per cent. D.D.T. and 76·98 gallons of sovacide was used.

80. *Inoculations.*—The total number of inoculations performed during the year was 539,770 against 641,333 in 1948. The following table shows the number of inoculations performed during the last few years and its ratio to the number of plague deaths :—

Year	Number of attacks of plague.	Number of deaths of plague.	Number of inoculations.	No. of doses of plague vaccine issued within the Province.	Ratio of inoculations to number of deaths.
1928 ..	19,583	13,563	132,340	255,789	9·7 to 1.
1929 ..	27,850	18,014	295,544	347,920	16·4 to 1.
1930 ..	7,796	5,026	109,400	123,206	21·7 to 1.
1931 ..	5,481	3,506	74,288	107,333	21·2 to 1.

Year.		Number of attacks of plague.	Number of deaths of plague.	Number of inoculations.	No. of doses of plague vaccine issued within the Province.	Ratio of inoculations to number of deaths.
1932	..	21,861	14,446	246,146	272,510	17·1 to 1.
1933	..	35,664	24,560	559,723	597,946	22·8 to 1.
1934	..	20,020	13,370	276,375	299,208	20·8 to 1.
1935	..	4,070	2,453	113,418	113,567	35·7 to 1.
1936	..	875	578	41,738	61,678	72·2 to 1.
1937	..	781	506	62,271	125,136	123·1 to 1.
1938	..	717	406	41,460	76,648	102·36 to 1.
1939	..	2,430	1,472	80,200	158,517	54·48 to 1.
1940	..	10,058	5,573	591,617	556,181	106·16 to 1.
1941	..	8,752	5,311	332,437	342,437	62·59 to 1.
1942	..	1,141	680	19,611	52,446	28·84 to 1.
1943	..	1,355	715	204,843	287,590	286·49 to 1.
1944	..	4,446	2,514	318,797	568,904	126·81 to 1.
1945	..	18,124	11,779	662,330	13,91,969	56·23 to 1.
1946	..	7,119	3,405	10,95,539	36,08,859	321·74 to 1.
1947	..	7,851	3,081	925,708	12,95,628	300·45 to 1.
1948	..	2,853	1,305	641,333	10,02,904	491·44 to 1.
1949	..	2,302	1,139	539,770	11,79,756	473·89 to 1.

81. *Influenza.*—Deaths due to Influenza recorded in the Province during the year were 52 against 24 in 1948. Out of these 40 occurred in rural areas and 12 in urban areas, Bombay City had only 4 deaths.

82. *Expenditure on Inoculation against Plague, Cholera, etc.*—During the year under report Government had sanctioned a grant of Rs. 2,41,400 under inoculation against Plague, Cholera and other epidemics, out of which an amount of Rs. 1,84,626 was spent on Plague and Cholera vaccines, insecticides etc., to combat epidemics in the Province. Expenditure on the pay and allowances of inoculators and their peons amounted to Rs. 56,772 (Pay Rs. 28,109 and Allowances Rs. 28,663).

CHAPTER V.

Malaria.

83. *Activities of the Malaria Organization—1949.*

(1) *General.*—Shri D. K. Viswanathan continued to be Assistant Director of Public Health in charge of the Malaria Organisation through out the year. Shri T. Ramchandra Rao, Entomologist, was deputed on foreign service for a period of 5 months from July 10, 1949 to the World Health Organisation for appointment as Leader of the World Health Organisation Malaria Control Demonstration Team in Afghanistan.

The headquarters laboratory which was located in Dharwar temporarily since 1946 was shifted to Poona in the beginning of the year.

(2) *Chief items of activity.*—The chief items of activity of the Organisation during 1949 were :—

(i) Research activities by the Headquarters Organisation.

(ii) Malaria control operations in—

(*a*) Dharwar, Kanara and parts of Belgaum districts.
(*b*) Thana district.
(*c*) Ahmedabad district.
(*d*) Kaira district.
(*e*) Bij apur district.
(*f*) Mulshi Petha in Poona district.
(*g*) Greater Poona.

(iii) Malaria surveys in—

West Khandesh district.
East Khandesh district.
Nasik district.
Panch Mahals district.
Poona and Sholapur districts.
Ahmednagar district.
Kolaba district.
Dangs district and
Broach district.

(3) *Research activities by the Headquarters Organisation.*—The headquarters staff of the Organisation was augmented during the year by the sanction of additional staff consisting of a Junior Entomologist, two Entomological Assistants and eight insect collectors cum Laboratory attendants, in order to enable the senior officers, to devote more time to research. The post of the junior entomologist remained unfilled till the end of the year. One of the two entomological assistants was deputed to work in the Department of Chemical Technology, Bombay University, on problems connected with D.D.T. and its formulations. Three important investigations were carried out viz. (*a*) Field experiments on the relative efficacy of D.D.T. and Benzene

hexachloride in the control of rural malaria, (*b*) Field studies on the reported efficacy of tectoquinone as a synergistic agent for DDT and (*c*) Laboratory investigations on the formulations of DDT.

DDT Benzene Hexachloride Experiments.—These were carried out for the second year in succession in Mokhada Petha, Thana District. Three villages were sprayed with a 5 per cent. emulsion of DDT in Aromex, soap and water in a dosage of 56 mgm. D.D.T. per square foot, and five villages with Benzene Hexachloride ('Gammexane P-520) in the form of a 50 per cent. wettable powder and in a dosage of 11 mgm. gamma isomer per square foot. Three villages were left unsprayed for purposes of comparison.

It was concluded that in the dosages and formulations of the two materials used, both were effective insecticides for establishing malaria control but that DDT was superior to BHC in so far as Indian anophelines were concerned. A further point which emerged as a result of these studies is the need to complete the first round of spray in May-June, the second round in September-October and the third in November-December.

Tectoquinone experiments.—It had been previously reported by the Technical Development Department, Kanpur, of the Indian Army Ordnance, that addition to DDT of small quantities of tectoquinone, a substance naturally present in teak wood but which could also be synthesized increased the toxicity of the latter to mosquitoes. Field experiments were carried out to assess if there is any synergestic action and if it was possible to effect any savings in the cost of DDT spraying operations, either by reducing the dosage or by increasing the interval between two sprayings. These experiments were carried out in Baramati taluka of Poona district, where previous studies had shown the occurrence of endemic malaria. Sixteen villages were selected and by randomisation, the following treatments were carried out :—

1. Pimpli 2. Mekhli.	..	DDT 112 mgm + 5 % tectoquinone.
3. Katyachivadi 4. Kurewali	..	DDT 56 mgm + Do.
5. Gunavadi 6. Tuvshi	..	DDT 28 mgm + Do.
7. Udhat 8. Gotundi	..	DDT 56 mgm only.
9. Medad 10. Dhorlewadi	..	DDT + Tectoquinone (1/2 the 56 mgm village only).
11. Malad 12. Shirsne	..	DDT 56 mgm only (1/2 the village only).
13. Sangaon 14. Sansar. 15. Athurne. 16. Hol.	..	Comparison villages.

Without going elaborately into the details of the data collected, it may be stated that, at least under field conditions, the addition of 5 per cent. tectoquinone by weight to DDT, did not show any increased toxicity or prolonged residual effect.

Among the data of scientific interest collected in these experiments were those relating to (1) the relative utility of morning and afternoon collections of anopheline adults in sprayed villages for determining the efficacy of DDT residual sprays and (2) the comparison of night-time and day time densities of adult anophelines in sprayed and unsprayed houses. The results may be summarised as follows: (*a*) Both in sprayed and unsprayed houses, the afternoon collections showed slightly (varying from 20 to 40 per cent.) lower densities than morning ones and that there was no difference between sprayed and unsprayed houses, (*b*) In view of this, routine morning collections by themselves continue to provide a reasonably accurate index of the residual anopheline populations in sprayed houses, (*c*) Night densities were higher than day time densities in both sprayed and unsprayed houses and (*d*) Neither DDT nor BHC showed any true repellent effect as fair numbers of anophelines were found to resort to sprayed houses at night.

Laboratory studies on the DDT formulations.—These were carried out in the Department of Chemical Technology, University of Bombay, Bombay, under the guidance of Dr. G. P. Kane. The investigations were directed first towards (1) standardisation of methods for determination of total DDT and "P-P'-.DDT", (2) determination of whether the proportion of the "P-P'-isomer and the insecticidal activity of the sample are reduced in the presence of alkaline solutions and (3) whether emulsions of greater stability could be prepared even with the use of hard water by use of emulsifying agents other than soap. Standard methods of DDT analysis were tried on samples of known purity and the most suitable methods adopted. By exposing DDT, by itself or dissolved in Aromex, to alkalies, it was found that the decomposition of DDT was of a very low order even in high concentrations of the alkali and at high temperatures. Moreover it was noticed that an equilibrium was reached very soon and further prolonged contact had very little additional decomposing effect. From this it was concluded that the use of soap was not objectionable. Tests were carried out with about 35 commercial and non-commercial emulsifiers to determine if any of them could replace soap as the emulsifying agent. Only neutralized turkey red oil (sodium salt of sulphonated caster oil) was found to be satisfactory but the amount of the agent required was 25 per cent. on the weight of Aromex. The use of higher temperatures for the dispersion of turkey red oil soap in Aromex was found to reduce the quality of emulsifier required but on storage beyond 6 days the emulsion began to lose stability. With the use of higher temperature this emulsifier is found to be slightly cheaper than the use of soap. These studies, which are of a fundamental character and have great practical application are still in progress in order to evolve, if possible, a more stable mother emulsion.

Dharwar-Kanara-Malaria control scheme.—This scheme which was inaugurated in July 1946 and has been sanctioned in the first instance for five years completed the third year of operations in July 1949 and the fourth year of work was in progress at the end of 1949. The scope of the activities connected with the scheme has been increasing from year to year. In 1947-48, parts of Belgaum district were included and in 1948-49 the whole of Shirhatti Taluka (a merged taluka formerly belonging to Sangli State) was included. Every year more and more villages, particularly in Dharwar district, have been added to the lists of villages to be sprayed, as a result of further surveys. As a result of all these, the total number of villages sprayed and the total population directly benefitting from the scheme have increased considerably and at the end of the year 1949 the figures were :—

	Number of villages included.	Total population.
Dharwar district	525	584,995
Kanara district	581	308,919
Belgaum district. (Only Khanapur and Belgaum talukas).	66	42,693
	1,172	936,607

The approximate quantities of DDT used by each Unit during 1949 were as follows :—

	lbs.
Unit No. 1	15,725
Unit No. 2	24,871
Unit No. 3	21,640
Unit No. 4	17,813
Unit No. 5	13,305
Total ..	93,354

The dosages, formulations and frequencies and technique of spraying remained the same as in the previous year.

Assessment of results at the end of three completed years of the scheme has shown that malaria has been effectively controlled and maintained at practically negligible levels in the sprayed villages and that there are already evidences of a significant improvement in demographic indices.

The cumulative spleen and parasite rates of sprayed and parasite rates in 1948-49 were :— (a)

District.	Spleen				Blood				V.	F.	M.
	No. of villages surveyed.	No. of children examined.	No. with enlarged spleen.	Cumulative spleen rate.	No. of villages surveyed.	No. of children examined.	No. with parasites.	Cumulative parasite rate.			
A. Sprayed villages.											
Dharwar	83	5,410	418	7·7	40	833	9	1·1	4	5	0
Kanara	77	4,341	307	7·1	69	2,305	49	2·1	13	19	1*
Belgaum	10	643	99	15·4	10	290	8	2·8	4	4	0
B. Unsprayed villages.											
Dharwar	70	3,394	610	18·0	30	508	16	3·2	7	9	0
Kanara	49	499	264	52·9	47	439	95	21·6	18	70	0
Belgaum	10	253	95	37·6	10	118	22	18·6	7	15	0

(a) V = *Vivax*, F = *falciparum*, M = *malariae*.

*The identification of species was not made in all smears.

The progressive reduction in cumulative spleen rates of sprayed villages since 1945 was as follows :—

	1945-46.	1946-47.	1947-48.	1948-49.
Kanara District	72·2	14·4	11·6	7·1
Dharwar District	39·0	19·5	10·6	7·7

Infant parasite rates have been maintained at almost zero levels in all the sprayed villages. Out of 248 infants examined in sprayed villages of Kanara District only 2 (0·8 per cent.) showed malaria parasites, while in unsprayed villages 12 (27·3 per cent.) out of 44 were positive. Similarly in Dharwar district (except Shirhatti taluka) out of 242 infants examined in sprayed villages none was positive and out of 114 examined in unsprayed villages 3 (2·6 per cent.) were positive.

There have been further reductions in the number of malaria cases treated in public dispensaries in the two districts. The figures for a few selected dispensaries were as follows :—

	43.	44.	45.	46.	47.	48.	49.
Dharwar District ..	40,845*	45,155	31,753	17,422	18,498	13,958	12,969
Kanara District ..	50,278*	54,166	43,813	32,095	28,252	17,455	15,353
Total ..	91,123	99,321	75,566	49,566	44,289	31,413	28,322

*Dharwar District :—Dharwar, Haveri, Hangal, Ranebennur, Hirekerur, Shiggaon, Kalghatgi and Mundargi.

Kanara District :—Sirsi, Yellapur, Mundgod, Supa, Haliyal, Dandeli, Manchikeri, Kumta, Ankola, Gokarn, Siddapur and Bhatkal.

A detailed statistical study of the vital statistics of the two districts before and after the inauguration of the scheme together with the data for the whole State has been made. The salient points arising out of that study are :—

(1) Morbidity has been greatly reduced.

(2) Mean death rates have declined in Kanara from 26·2 per mille to 16·3 per mille and in Dharwar from 27·4 to 19·6 per mille. The malaria death rates have declined from 2·1 to 0·8 per mille in Kanara and from 3·6 to 0·8 per mille in Dharwar.

(3) Birth rates have increased from 31·1 to 34·7 in Kanara and from 36·2 to 38·4 in Dharwar.

(4) As a result of these, it is confidently expected that the next census in 1951 would show a considerable increase in population in Kanara district instead of the stationary population from 1881 to 1941. This increase will principally occur in the hyper-endemic ghat talukas of Kanara district where during the past there has been a steady decimation of population.

Thana District Malaria Control Scheme.—The work in connection with this scheme during 1949 consisted of (1) a spleen and blood survey during January to June to assess results of the previous season's spraying work, (2) the second year's DDT spraying operations from July to December and (3) rural medical relief work by the subordinate staff during the non-spraying months. There was no change in the strength of the staff or in the number of villages sprayed. The total number of villages included in the spraying operations was 1,257 and the total population directly protected 674,100.

The second year's spraying operations were carried out according to schedule and three rounds of spray were completed between July to December. The total quantity of DDT technical used during the year was 50,947 lbs. The results of the work may be assessed from (1) the spleen and blood surveys, (2) infant parasite surveys and (3) the data regarding number of malaria cases treated in several public dispensaries. The cumulative spleen and parasite rates in several talukas in the surveys carried out in 1948-49 and 1949-50 are given below :—

Taluka.	Cumulative spleen rate					
	1948-49			1949-50		
	No. of villages visited.	No. of children examined.	Spleen rate.	No. of villages visited.	No. of children examined.	Spleen rate.
Bombay Suburban District.	8	290	25·2	10	496	17·5
Thana ..	12	409	37·0	15	521	35·9
Bassein ..	..	..	..	14	348	52·5
Bhivandi ..	14	424	39·3	18	597	21·1
Palghar ..	18	731	29·8	15	947	21·1
Dahanu ..	..	..	..	19	751	56·4
Umbergaon ..	7	80	62·0	8	231	40·4
Vada ..	13	457	43·9	15	810	43·7
Jawahar ...	1	81	18·6	1	68	17·6
Mokhada ...	11	472	54·4	11	444	47·5
Shahapur ..	9	821	36·0	6	788	22·8
Murbad ...	..	...	..	16	586	40·1

The number of malaria cases treated in twenty-five public dispensaries in the district annually since 1946 were as follows :—

1946	56,169
1947	59,243
1948	59,068
1949	42,912

Ahmedabad District Malaria Control Scheme.—On the basis of the report of the malaria survey carried out in this district during 1947-48 by a squad of the Malaria Organisation, a scheme of malaria control by the use of 5 per cent. emulsion of DDT as an indoor residual spray was sanctioned in April 1949 and was put into operation from August 1949. The salient features of the scheme are (1) inclusion of all the villages and towns of the district with the exception of about 10 per cent. for purposes of comparison of the results and of Ahmedabad Municipality (2) the trial of three dosages and frequencies of DDT viz. (*a*) 3 rounds of 56 mgms. per square foot in City Mahal, Viramgaon, Sanand and Daskroi talukas, (*b*) 2 rounds of 112 mgm. and of 56 mgm. per square foot in Dholka and Dhanduka talukas and (*c*) 1 round only of 168 mgm. per square foot in Prantij, Modasa and Gogha Mahals, (3) the staff to consist of one Medical Officer in full-time charge, 2 Assistant Medical Officers, 7 malaria (sanitary) inspectors, 12 insect collectors and 4 clerks, (4) the employment of temporary labour force on daily wages for the duration of the spraying operations only as follows :—

10 Havildars and 60 sepoys for 6 weeks.
32 Havildars and 160 sepoys for 1 month.
16 Havildars and 80 sepoys for 4½ months.

As most of the villages were considered to be inaccessible, except on foot no provision was made for the purchase of motor trucks, but they were hired whenever necessary.

The spraying work was carried out from August 1949 instead of from July as originally planned and was completed as planned. The total quantity of DDT (Technical) used was 47,006 lbs. The results have been highly satisfactory as is evident from the following spleen rates :—

Cumulative spleen rates in Ahmedabad District.

Taluka.	1947-48 Data from the original survey.				1949-50 (After DDT operations).			
	No. of villages surveyed.	No. of Children examined.	No. with enlarged spleen.	Spleen rate. per cent.	No. of villages visited.	No. of children examined.	No. with spleen (enlarged).	Spleen Rate per cent.
City ..	7	332	130	39·2	..	..	..	..
Daskroi ..	8	362	143	39·5	16	992	126	12·7
Sanand ..	11	727	275	37·7	32	1,248	239	11·1
Viramgaon ..	21	1,027	439	42·7	22	1,671	334	20·0
Dholka ..	11	620	221	35·7	14	771	80	10·4
Ghoga ..	7	378	168	44·4	10	469	80	17·1
Dhanduka ..	17	871	536	61·5	28	1,748	545	31·2
Modasa ..	10	660	245	37·1	10	822	51	10·9
Prantij ..	12	961	420	43·7	18	1,175	148	12·6

The dispensary figures of admissions of malaria patients have been the lowest on record for a decade in most of the dispensaries during 1949. It has to be remembered in this connection that 1948 was a year of severe famine and due to paucity of rainfall the incidence of malaria was low. In 1949 with normal rainfall, following a year of such deficit, the incidence of malaria is to be expected to be of unusual severity. On the other hand it has been lower than in 1948 which is a direct result of DDT spraying. The total number of malaria patients treated annually in ten public dispensaries of the district have been as follows :—

1945	..	..	..	23,343
1946	..	..	..	23,795
1947	..	..	..	20,712
1948	..	..	..	16,136
1949	..	..	..	13,054

Kaira District Malaria Control Scheme.—The Kaira District malaria control scheme was sanctioned in April 1949. The previous malaria survey of the district carried out in 1947-48 had shown that malaria occurs in a highly endemic form in the four northern talukas viz. Matar, Mehemedabad, Kapadvanj and Thasra and that the other talukas were comparatively free from the disease. Therefore all the villages (except about 10% for purposes of comparison) of the four northern talukas were included in the scheme. The salient features of the scheme are the spraying of all houses and cattle sheds with 5% emulsion of DDT in Aromex, soap and water, thrice during the malaria season at intervals of 6 weeks in a dosage of 56 mgm. per square foot. The work was in charge of a full time Medical Officer assisted by one Assistant Medical Officer, four malaria inspectors, 3 clerks and 8 insect collectors. The spraying labour consisting of 20 havildars and 100 sepoys was employed on daily wages of Rs. 3-8 or Rs. 3 respectively. Trucks were hired whenever necessary. The spraying work commenced for the first time in August 1949 and all the three rounds were completed before the end of the year. The total quantity of technical DDT used was 31,080 lbs.

The total number of villages sprayed was 445 and the total population directly protected 471,502.

The results have been satisfactory. Although there has been no reduction in spleen rates the morbidity was much lower than usual. The cumulative spleen rates before and after the spraying operations were :—

Taluka.	1947-48.				1949-50.			
	No. of villages.	No. of children examined.	No. of children with enlarged spleen.	Spleen rate per cent.	No. of villages visited.	No. of children examined.	No. of children with enlarged spleen.	Spleen rate per cent.
Matar ..	12	887	380	42·8	38	3,086	752	24·4
Mehemedabad .	12	1,258	314	25·0	44	2,747	684	24·9
Kapadvanj ..	9	782	186	23·8	18	1,049	240	22·9
Thasra ..	9	601	266	44·3	16	904	375	41·5

The annual number of admissions of malaria patients into the four public dispensaries at Kapadwanj, Mehemedabad, Matar and Thasra from 1945 to 1949 were as follows :—

1945	6,652
1946	7,786
1947	5,622
1948	4,504
1949	4,205

The figures for 1949 are the lowest on record for these dispensaries during the last decade.

Bijapur District Malaria Control Scheme.—The scheme for malaria control in Bijapur district was sanctioned in April 1949 and came into operation in July 1949. The salient features of the scheme are spraying of 5 per cent. emulsion of DDT as an indoor residual spray, thrice during the malaria season from July to December at a dosage of 56 milligrams DDT per square foot in all the malarious villages in Badami Taluka and selected Malarious villages in Bagalkot and Hungund Talukas and Bilgi Petha. The total number of villages sprayed was 216 and the total population directly protected was 168,064. Total quantity of DDT used is 17,872 lbs. Only one season's work has been completed and good results are already evident. There has been on an all round reduction in spleen rates, as shown below for several representative villages in Badami taluka and Bilgi Petha :—

Taluka.	Village.	1947-48 Before DDT Scheme.			1949-50 After DDT Scheme.		
		No. examined.	No. positive.	Spleen rate.	No. examined.	No. positive.	Spleen rate.
Badami ..	Kerur ..	252	78	30·9	243	50	20·6
	Agsarkop ..	40	17	42·5	21	5	23·8
	Malagi ..	27	26	96·3	27	18	66·7
	Yergopp ..	58	18	36·0	23	5	21·7
	Mammatgeri ..	31	23	74·2	30	15	50·0
	Neelgund ..	137	73	53·2	93	21	22·6
	Timmapur ..	35	25	71·4	10	7	70·0
	Mattikatti and Kadabgalli.	60	17	28·3	51	15	29·4
	Badami ..	203	12	5·9	332	4	1·2
	Cholachgud ..	120	30	25·0	106	4	3·8
	Kutkankeri ..	111	23	20·7	68	7	10·3
	Kendur ..	38	20	52·0	32	13	40·6
Bilgi ..	Nagaral ..	120	30	25·0	58	13	22·4
	Siddapur ..	112	20	19·6	65	6	9·2

Out of 125 blood smears from infants collected after the spraying during the malaria season of 1949-50 was over, none was found positive, while in 1947-48 25 (10·8%) out of 231 were positive.

The District Health Officer, Bijapur, was in direct administrative charge of the spraying operations and was assisted by one Assistant Medical Officer, 2 Malaria Inspectors, 4 insect collectors, 5 Havildars and 20 Sepoys.

The total number of cases of malaria admitted into the three public dispensaries at Badami, Guledgud and Kerur, all inside the scheme area from 1945 to 1949 were as follows :—

1945	10,435
1946	8,318
1947	13,102
1948	10,109
1949	5,076

Mulshi Petha Scheme.—A small scheme of malaria control in the villages in the neighbourhood of the Tata Lake in Mulshi Petha, Poona District, was sanctioned in April 1949 for a period of 3 years in the first instance. 50 villages having a total population of 20,157 were included in the scheme, the salient features of which were the spraying of all houses and cattle-sheds with a 5 per cent. emulsion of DDT, thrice during the malaria season at intervals of 6 weeks and in a dosage of 56 mgm. DDT per square foot. The staff consisted of 1 Assistant Medical Officer, 2 Havildars and 10 sepoys all employed temporarily for the duration of the spraying operations. Supervision was vested in the Medical Officer, Malaria Control Scheme, Greater Poona.

The spraying was commenced in August 1949 and all the three rounds were completed, before end of December. 2,200 lbs. of DDT (Technical) were used. The results have been satisfactory.

Greater Poona Malaria Control Scheme.—This scheme which has been in existence since 1944 has been extended for the present upto end of March 1951. The main features of the scheme are :—

(1) Use of anti-larval methods in the urban areas.

(2) Indoor residual spraying of DDT in selected villages of Haveli taluka.

Paris Green was the main larvicide used throughout the year but was supplemented in certain sections by crude oil either by itself or with 2 per cent. DDT. Larvicides were applied regularly once a week according to a rigid schedule. Adult densities of the vector species, *A. culicifacies*, were maintained well below the critical level of 5·0 per man hour throughout the year as shown below :—

January.	February.	March.	April.	May.	June.
2·7	2·7	1·+	0·6	0·5	1·2

July.	August.	September.	October	November.	December.
1·3	1·3	0·7	0·8	1·7	1·0

DDT spraying was carried out in the following villages at monthly intervals in a dosage of 56 mgm. per square foot :—

Hingne, Bhukumb, Bhugaon, Shivane, Varja, Kothrud, Khadakvasla, Nanded, Dhayari, Vadgaon, Dhanakwadi, Lonikalbhor, Mundwa, Lonikkhand, Wagholi, Ramwadi and Bardan.

The good results reported in previous years have been maintained and consolidated.

The spleen rates of a few selected localities are given below :—

		1944.	1945.	1946.	1947.	1948.	1949.
Yeravda	..	82	36	20	6	5	1
New Kirkee	..	70	15	10	7	4	4
Shivajinagar	..	19	8	5	3	0	2
Narayan Peth	..	22	13	10	4	2	1
Mundwa	..	86	33	21	8	1	2
Khadakvasla	..	31	25	14	3	3	1
Kothrud	..	56	42	31	30	17	9

The number of malaria cases treated in a few municipal dispensaries are shown below :—

	1941.	1942.	1943.	1944.	1945.	1946.	1947.	1948.	1949.
Yeravda ..	2,878	3,190	3,198	3,391	1,148	517	349	299	338
Shivajinagar ..	2,730	2,029	1,738	1,924	1,067	659	705	544	642
Narayanpeth ..	2,970	2,162	2,728	1,617	1,226	835	665	446	60

Jalalpore (Surat District) Malaria Control Scheme.—A small malaria control scheme by the use of DDT indoor residual sprays was in operation in Jalalpore town and Vijalpore village of Surat district directly protecting a population of about 10,000. The second year's work consisting of three rounds of spraying, was carried out.

Effects of malaria control in the State.—General—In the year 1949, it is estimated that in all the districts in which malaria control operations were in progress a total reduction of over 120,000 cases of malaria patients treated in the public dispensaries have been recorded. As these dispensaries at most serve only one-sixth of the entire population it may safely be computed that atleast 720,000 cases of malaria have been prevented in the scheme areas.

Malaria Surveys.—Surveys of Nasik, Poona and Sholapur, West Khandesh, East Khandesh and Panch Mahals districts were completed in April 1949 and detailed reports of the work were submitted together with proposals in all cases for a scheme of district wide malaria control using DDT indoor residual spray thrice during the malaria season at a dosage of 56 mgm. per square foot. The squads were shifted to Ahmednagar, Belgaum, Dangs, Kolaba and Broach districts respectively. The squad at Belgaum was kept in abeyance for the time being due to paucity of trained personnel. Brief summaries of the findings of the surveys carried out by these squads are given below :—

Nasik Squad.—(1) Malaria is prevalent all over the district no taluka being free from it, but there are variations in the intensity of its prevalence. The "Dangs" talukas of Peint, Kalwan, and Dindori are the most malarious with hyper-endemic conditions. In other talukas the intensity of malaria may be classified as moderately endemic, (2) both *culicifacies* and *fluviatilis* have been incriminated as vectors, the former being the major vector in the plateau and the latter in the hilly areas, (3) the season of transmission is from July to December in the plateau areas and from July to February in the hilly areas.

Poona-Sholapur Squad.—(1) Except for the irrigated areas under the Nira Canals, Sholapur district is not endemic for malaria, though as was seen in July 1949, the district is liable to infrequent but severe epidemics as a result of unusually heavy rainfall. In Poona district the only taluka entirely free from malaria is Sirur taluka. In all the other talukas malaria is prevalent in very variable degrees. Khed, Junnar, and Ambegaon talukas are the most malarious. Parts of Mawal and Mulshi Petha are also intensely malarious. All areas under irrigation system, as in the Nira Canals zone and in the Mutha Right Bank zone are moderately malarious.

(2) *Culicifacies*, *fluviatilis* and *stephensi* all have a part in malaria transmission.

(3) The season of transmission is mainly from July to December but in the Nira Canals zone it may extend upto February.

West Khandesh Squad.—(1) The whole district is malarious, the intensity of its prevalence being highest in Navapur and Taloda talukas and Akrani Mahal. In the other talukas the majority of villages have a moderate to low endemicity.

(2) No infected anopheles has been met with, but from the data collected in adjoining districts, it is clear that *culicifacies* and *fluviatilis* both have their role in transmission.

(3) The season is mainly from July to December in the plateau sections and from July to February in the hilly areas.

East Khandesh Squad.—(1) All the talukas of the district are malarious but some villages of a taluka are malarious and others are not so. Proximity to streams seems to be a factor which tends to make any village malarious. The endemicity of malaria may be classified as only moderate in the whole district.

(2) *Culicifacies* has been incriminated as a vector.

(3) The season of transmission is from July to December.

Panch Mahals Squad.—(1) The entire district is malarious. Jalod, Dohad and Kalol talukas are the most malarious having hyper-endemic conditions in many villages.

(2) *Fluviatilis* has been incriminated as a vector. But there is no doubt that *culicifacies* also plays an important role in transmission as in the other Gujarat Districts.

(3) The season of transmission is from July to December.

The surveys of the following districts were in progress during the year and their findings and the statistical data collected are as follows :—

Broach District.—All the talukas are malarious, those of the former Rajpipla State being the most malarious with hyper-endemic conditions. *Culicifacies* is the main vector with the possibility of *fluviatilis* and *stephensi* playing subsidiary roles. The season of transmission is from July to December.

Species of anophelines found in the district :—

Annularis, barbirostris, culicifacies, fluviatilis, jamesi, multicolor pallidus, stephensi, subpictus, tessellatus, turkhudi, theobaldi, vagus and varuna.

Dissections of anophelines.

Species.	No. dissected.	No. positive.		
		Gut.	Gland.	Total.
Annularis	149	..	..	..
Culicifacies	2,062	..	3	3
Fluviatilis	17	..	..	..
Stephensi	935	1	..	1
Subpictus	909	..	..	..
Turkhudi	7	..	..	..
Total ..	4,079	1	3	4

Spleen and Blood surveys.

Taluka.	Spleen survey.				Blood survey.				V.	F.	M.
	No. of villages visited.	No. of children examined.	No. positive.	Spleen rate.	No. of villages visited.	No. of children examined.	No. positive.	Parasite rate.			
Broach ..	25	2,213	678	30·0	25	1,712	120	7·0	42	78	0
Hansot and ..	30	532	199	37·4	30	439	52	11·7	19	33	0
Ankleshwar ..	....	1,027	432	41·1	....	938	88	9·4	28	60	0
Amod Mahal ..	13	288	145	50·3	13	225	40	17·8	15	25	0
Vogra ..	....	420	164	39·0	....	334	29	8·7	8	21	0
Jambusar ..	8	660	228	34·5	8	509	54	10·6	13	41	0
Nandod ..	10	485	193	49·8	10	367	31	8·4	5	26	0
Zagadia ..	8	417	137	32·9	8	352	29	8·2	4	24	1
Walia Mahal ..	13	405	243	60·0	13	392	54	13·7	12	41	1
Desipada T. ..	8	177	157	88·7	8	177	34	19·2	2	32	0
Total ..	115	6,624	2,576	38·9	115	5,445	531	9·8	148	381	2

V = *vivax*, F = *falciparum*, M = *malariae*.

Dangs District.—All villages of the district are hyper-endemic. *Fluviatilis* has been incriminated as the vector. The season of transmission commences immediately after the monsoon and lasts till January or February.

Species of anophelines found in the district are :—

aconitus, annularis, barbirostris, culicifacies, fluviatilis, jamesi, jeyporiensis, maculatus, moghulensis, pallidus, subpictus, stephensi, tessellatus, theobaldi, turkhudi, vagus, varuna.

Dissections of anophelines.

Species.	No. dissected.	No. positive.		
		Gut.	Gland.	Total.
Annularis	11	..	..	..
Barbirostris	2	..	..	..
Culicifacies	7,951	..	..	..
Fluviatilis	1,076	..	1	1
Moghulensis	25	..	..	..
Pallidus	4	..	..	..
Stephensi	1	..	..	..
Subpictus	35	..	..	..
Tessellatus	4	..	..	..
Turkhudi	44	..	..	..
Varuna	7	..	..	..
Total ..	9,160	..	1	1

Spleen and Blood surveys.

Taluka.	Spleen survey.				Blood survey.				V.	F.	M.
	No. of villages visited.	No. of children examined.	No. positive.	Spleen rate.	No. of villages visited.	No. of children examined.	No. positive.	Parasite rate.			
Ahwa ..	11	274	188	68·6	7	138	28	20·3	4	16	8
Badripada ..	7	146	139	95·2	4	57	26	45·5	2	24	0
Galkund ..	24	425	394	92·7	14	158	38	24·1	1	18	19
Pimpri ..	17	396	330	85·8	9	136	32	23·5	0	26	6
Subir ..	25	452	429	94·7	14	152	38	25·0	1	18	19
Waghai ..	29	563	502	89·1	15	217	45	21·8	2	30	13
Surgana (Nasik District) ..	5	79	56	73·4	3	44	12	27·2	7	5	0
Total ..	118	2,335	2,038	87·3	66	902	219	24·3	17	137	65

Kolaba district.—Distribution of malaria in the district is patchy. The majority of villages in the coastal plains are healthy, while hyper-endemic conditions have been noticed in some sections of the coastal plains as in Uran and in hilly areas as in parts of Karjat, Khalapur and Pen talukas. Surprisingly villages in the hilly areas of Mahad, and Mangaon talukas and Sudhagad Mahal are not malarious and have very low spleen rates. Parts of the district are liable to periodical epidemics one of which occurred in Uran in 1948-49 another of a lesser intensity in the former Janjira State in 1949-50. Only one specimen of *fluviatilis* has been found infected. While there is no doubt of its part, the probable part played by *culicifacies* cannot be ignored, especially because of the occurrence of epidemic malaria. Transmission season is mainly from August to January.

Species of anopheline found in the district :—

Aconitus, annularis, barbirostris, culicifacies, fluviatilis, hyrcanus, jamesi, jeyporiensis, karwari maculatus, moghulensis, pallidus, splendidus, stephensi, subpictus, tessellatus theobaldi, turkhudi, vagus and *varuna.*

Dissections of anophelines.

Species.	No. of dissected.	No. positive		
		Gut.	Gland.	Total.
Aconitus	96	..	..	..
Barbirostris	16	..	..	..
Culicifacies	2,947	..	..	..
Fluviatilis	226	1	..	1
Jeyporiensis	301	..	..	..
Moghulensis	15	..	..	..
Pallidus	54	..	..	..
Subpictus	114	..	..	..
Tessellatus	1	..	..	..
Turkhudi	7	..	..	..
Varuna	16	..	..	..
Total ..	3,793	1	..	1

Spleen and Blood surveys.

Taluka.	Spleen survey.				Blood survey.				V.	F.	M.
	No. of villages visited.	No. of children examined.	No. positive.	Spleen rate.	No. of villages visited.	No. of children examined.	No. positive.	Parasite rate per cent.			
Alibag ..	17	1,255	161	12·8	6	242	44	18·2	6	33	5
Panvel ..	21	1,179	228	19·3	12	297	18	6·1	11	7	..
Pen ..	12	860	197	22·9	9	380	46	12·1	15	30	2
Roha ..	17	1,132	126	11·1	5	158	32	20·3	4	29	..
Mangaon ..	17	1,288	67	5·2	1	31	1	3·2	1	..	..
Mahad .. / Poladpur ..	17	1,306	51	3·9	....	....	....	....	..	..	..
Khalapur ..	14	687	165	24·0	8	266	39	14·7	10	25	4
Karjat and Matheran ..	15	854	122	14·3	11	302	37	12·3	8	26	3
Sudhagad ..	7	377	51	13·5	2	28	11	39·3	1	8	2
Uran ..	6	597	270	45·2	5	136	20	14·7	13	7	..
Murud ..	18	1,079	120	11·1	6	136	45	33·1	16	28	2
Mhasla ..	7	364	9	2·5	....	....	....	....	..	..	..
Shriwardhan ..	13	738	9	1·2	....	....	....	....	..	..	..
Total ..	181	11,716	1,576	13·5	65	1,976	293	14·8	85	193	18

Ahmednagar District.—All talukas are moderately endemic for malaria *Culicifacies* is the proved vector. Season of transmission is from June to December.

Species of anophelines found in the district :—

aconitus, annularis, culicifacies, fluviatilis, jamesi, moghulensis, pallidus, splendidus, stephensi, subpictus, tessellatus, theobaldi, turkhudi, vagus, varuna.

Dissections of anophelines.

Species.	No. of dissections.	No. of positive.		
		Gut.	Gland.	Total.
Culicifacies	4,716	..	5	5
Fluviatilis	1,222	..	..	..
Stephensi	435	..	..	..
Turkhudi	263	..	..	..
Total ..	6,636	..	5	5

Spleen and Blood surveys.

Taluka.	Spleen survey.				Blood survey.				V.	F.	M.
	No. of villages visited.	No. of children examined.	No. positive.	Spleen rate per cent.	No. of villages visited.	No. of children examined.	No. positive.	Parasite rate per cent.			
Ahmednagar ...	30	1,651	290	17·6	5	221	36	16·3	15	18	1
Akola ...	29	778	116	14·9	....	....	....	....	..	..	..
Jamkhed ..	22	582	67	11·5	....	....	....	....	..	..	..
Karjat ..	7	498	123	24·7	....	....	....	....	..	..	..
Kopergaon ..	28	1,202	87	71·3	....	....	....	....	..	..	..
Newasa ..	9	259	39	15·4	....	....	....	....	..	..	..
Parner ..	15	655	134	20·5	....	....	....	....	..	..	..
Rahuri ..	13	1,059	162	15·3	1	78	10	12·8	5	4	1
Pathardi ...	10	317	53	16·7	....	....	....	....	..	..	..
Sangamner ...	27	586	86	14·7	....	....	....	....	..	..	..
Shevgaon ...	24	757	120	15·9	....	....	....	....	..	..	..
Shrigonda ..	29	1,649	414	25·1	1	33	2	6·1	1	1	..
Shrirampur ...	23	1,095	164	15·0	4	271	26	9·7	7	16	4
Total ..	266	11,088	1,855	16·7	11	603	74	12·3	28	39	6

Miscellaneous activities.—In accordance with standing Government orders all new irrigation projects have to be referred to the Malaria Organisation for prior scrutiny for suggesting methods to minimise the incidence of malaria both during and after construction. In 1949 one such scheme was scrutinized and recommendations made viz. (1) Proposed irrigation tank at Ranand, Man taluka, Satara district.

Assistance was given to the Public Works Department to institute anti-malaria measures in their colony at Dhupdal Storage Reservoir in Hukeri taluka.

A mosquito survey of Santa Cruz Aerodrome and surroundings was made with a view to tighten up anti-mosquito work, particularly anti-aedes work and a draft bill submitted.

Publications.—The following technical papers were published during 1949—

(1) Viswanathan D. K.—A study of the effects of malaria and of Malaria control measures on population and vital statistics in Kanara and Dharwar districts as compared with the rest of the province of Bombay—

Indian Journal of Malariology
Volume 3 No. 1 March 1949.

(2) Viswanathan D. K., and Ramachandra Rao T.—Control of rural malaria with DDT indoor residual spraying in Kanara and Dharwar districts, Bombay State, Third year's results 1948-49.

ibid vol. 9 No. 4 Dec. 1949.

(3) Viswanathan D. K., Ramchandra Rao T. and Juneja, M. R.—A preliminary note on the use of Benzene hexachloride as a residual insecticide compared with Dichloro-Diphenyl Trichloroethane—

ibid vol. 3 No. 1 March 1949.

(4) Bhatt, H. R.—A note on a natural occurrence of sporozoites of plasmodium in *Anopheles turkhudi* liston—

ibid vol. 3 No. 1 March 1949.

84. *Deaths from Malaria.*—During the year 35,389 deaths from Malaria were recorded against 33,782 in 1948. The death rate was 1·05 in 1949 against 1·47 in 1948.

85. *Deaths from Malaria by Districts.*—Large number of deaths due to malaria were reported from the Districts of Nasik 6,790, East Khandesh 4,924, Poona 4,745, West Khandesh 4,127 and Ahmednagar 2,790.

86. *Relation of deaths from Malaria to deaths from fevers.*—During the year under report 276,137 deaths from fevers were reported out of which 35,389 were attributed to Malaria. The percentage of deaths from Malaria to those from fevers was 12 as compared with 18 in 1948.

87. *Seasonal Mortality of Malaria.*—The highest number of deaths (4,773) were reported during November. The period between August to December had higher incidence as compared to the remaining months during which the incidence did not show much variation.

88. *Deaths from Malaria in Urban and Rural Areas.*—Among towns higher number of deaths due to Malaria was reported from Poona City (490), Surat (397), Dholka (233), Nasik (142) and Dhulia (113) and in rural areas in the districts of Nasik (6,466), East Khandesh (4,236), Poona (4,022), West Khandesh (3,872) and Ahmednagar (2,703).

89. *Touring Medical Officers on Malaria Duty.*—For the malaria season 3 special Medical Officers were appointed, one each in the districts of Kolaba, Nasik and Ahmednagar for visiting the villages in the malarious parts and treating cases of fever found in them. Arrangements were also made for the treatment with quinine and Paludrine of the malaria cases through the touring staff of this Department e.g. Epidemic Medical Officers, Sanitary Inspectors, Vaccinators, etc. There was a severe epidemic of malaria in parts of Sholapur District which were affected by floods due to heavy rains at the end of monsoon season. Emergent measures including indoor spraying of houses with DDT and distribution of Paludrine tablets on a large scale were adopted. Similar measures were also adopted in parts of Kolaba District from which high malaria incidence was reported. The Hygiene Units and anti-epidemic trucks were used in different Districts for carrying out rural medical relief when not engaged on anti-epidemic measures, majority of cases treated being of malaria.

In the Central Registration District 105,292 and in the Northern Registration District 178, 406 cases of malaria were treated in the Civil Hospitals and dispensaries in the different districts.

In the Central Registration District 305,000 paludrine and 30,000 quinacrine tablets in the Northern Registration District 65,105 paludrine and 17,022 quinacrine tablets and in the Southern Registration District 131,031 paludrine, 56,534 mepacrine and 10,884 quinine tablets were distributed free through the touring Public Health staff for treatment of Malaria cases.

90. *Distribution of quinine and quinine substitutes.*—During the year under report Government sanctioned a grant of Rs. 88,000 for (1) free distribution of quinine, (2) sale of quinine at Post Offices, (3) cheap sale of quinine and (4) purchase of mepacrine hydrochloride tablets from the Government of India.

Rs. 83,625 were spent during the year towards postage, packing etc. charges incurred for sale of quinine through Post Offices, (2) for distribution of paludrine and quinacrine hydrochloride tablets and (3) purchase of paludrine tablets. No quinine or its substitutes was

purchased nor any quinine tablets were manufactured during the year as the scheme had to be replaced by the distribution of paludrine tablets. As the scheme of distribution of paludrine tablets through post offices is under consideration of Government, sale of quinine through them was continued as before to avoid inconvenience to the Public.

Quinacrine tablets worth Rs. 4,232 were distributed *free* to the Public through the officers and subordinates of the Public Health Department as under the existing orders this course has to be adopted till the stock of quinacrine or mepacrine tablets is completely exhausted.

Paludrine worth Rs. 39,324 was issued for free distribution to indigent patients and for sale to others through the Officers and subordinates of the Public Health Department and the Revenue Department and the Administrative Officers of District School Boards.

The Assistant Director of Public Health, C. R. D., Poona, credited a total amount of Rs. 17,124 realized from the sale of quinine at Post Offices and sale of paludrine to Government departments, certain local bodies and the public.

The cost of Quinine substitutes and paludrine issued for distribution through School Boards and through officers of Public Health Department and Revenue Department was as under :—

Serial No.	District.		School Boards	Officers of the Public Health and Revenue Departments.	
			Paludrine.	Quinine Substitutes viz. quinacrine tablets.	Paludrine.
			Rs.	Rs.	Rs.
1	Poona	..	5	651	2,148
2	Surat	..	1,875	775	195
3	Ratnagiri	..	328	....	137
4	East Khandesh	..	858	775	293
5	Banaskantha	..	159	....	1,137
6	Dangs	..	....	16	....
7	Kaira	..	....	775	78
8	West Khandesh	..	....	542	371
9	Ahmedabad	..	....	543	254
10	Ahmednagar	..	....	155	1,693

Serial No.	District.	School Boards.	Officers of the Public Health and Revenue Departments.	
		Paludrine.	Quinine Substitutes viz. quinacrine tablets.	Paludrine.
		Rs.	Rs.	Rs.
11	Panch Mahals ..	....	....	2,289
12	Kolaba ..	....	....	2,067
13	Nasik ..	....	....	1,569
14	Kolhapur ..	....	....	273
15	Satara ..	....	....	2,637
16	Sholapur ..	....	....	4,241
17	Thana ..	....	....	1,080
18	Broach ..	....	....	45
19	Bijapur ..	....	....	2,988
20	Belgaum ..	....	....	4,336
21	Dharwar ..	....	....	3,609
22	Kanara ..	....	....	2,188
23	Sabarkantha ..	....	....	2,344
24	Baroda ..	....	....	94
25	Bombay Suburban District .	....	....	33
	Total ..	3,225	4,232	36,099

CHAPTER VI.

Fairs and Festivals.

91. *Pandharpur.*—The principal day of the Ashadhi Fair fell on 6th July 1949. The total number of pilgrims who attended the fair was 203,630 as against 151,007 in 1948. The amount of tax collected was Rs. 99,241-0-0.

As in previous years arrangements were made in all Civil Hospitals and Dispensaries for free inoculation of intending pilgrims against cholera and for supplying them certificates of inoculation before the fair was due to be held. A notification was issued by the District Magistrate, Sholapur, under Section 45(1) of the Bombay District Police Act, 1890, prohibiting entry into Pandharpur of persons not inoculated against cholera within the preceding six months. Arrangements were made by the Pilgrim Committee for free inoculation to pilgrims at the various Nakas and Railway Station for which purpose 64 inoculators and 11 assistants were employed. 108,051 incoming pilgrims were inoculated. The rest of the pilgrims arrived with certificates of inoculation. Arrangements were made in the town to inoculate persons before the fair commenced and 12,490 inoculations were performed. 1,136 inoculations were performed during the fair.

Palkhis—Sanitation of the Camps.—The District Health Officers and the Assistant Directors of Public Health through whose Districts the Palkhis passed, made arrangements for the sanitation of the halting places of palkhis, inoculation of pilgrims enroute and detection and isolation of cases of epidemic diseases if any and for disinfection of water supplies. Special Medical Officers with the requisite staff were appointed to accompany the 3 large palkhis viz. Shri Dnyaneshwar Maharaj, Shri Tukaram Maharaj and Shri Nivrittinath Maharaj. They were provided with adequate drugs, disinfectants and vaccine. A motor lorry fitted with a water tank also accompanied each of these three palkhis.

Necessary sanitary arrangements were made by the G. I. P. and Barsi Light Railways at Kurduwadi Station, by the Barsi Light Railway at the Pandharpur Railway Station and by the Pilgrim Committee at Wakhari. One Infectious Diseases Hospital was opened at Kurduwadi and another at Wakhari.

Health of Pilgrims.—Only 3 cases of Smallpox were admitted to the Infectious Diseases Hospital opened at Pandharpur. The Pilgrim Committee, Pandharpur made satisfactory arrangements for the management of the fair.

The Kartiki fair at Pandharpur was held on 1st November 1949. The total number of pilgrims who attended the fair was 129,708. All sanitary arrangements were made for the fair. The Infectious Diseases Hospital was kept open from 30th October 1949. There were in all 9 admissions to the Hospital during the fair as follows :—

Diarrhœa	4
Dysentery	2
Cholera	2 (1 suspected).

Other fairs.—The Nivrittinath Maharaj fair was held at Trimbak (Nasik District) on 25th January 1949. About 75,000 pilgrims attended the fair. Sanitary arrangements were made as usual. The Sapta Shringi Gad fair was held from 8th to 17th April and attracted about 47,000 pilgrims. All sanitary arrangements were made. An amount of Rs. 2,986 was recovered from pilgrims by way of fees for management of the fairs. The Kartiki fair at Dehu was held from 12th to 20th November. The fair was attended by about 21,000 pilgrims. The Phalguni fair at Dehu was held on 16th March and attracted 50,000 pilgrims. The pilgrim fees collected at the above 2 fairs at Dehu amounted to Rs. 2,800 and Rs. 4,550 respectively. The chief day of the Kartiki fair at Alandi was 16th November 1949. About 80,000 pilgrims attended the fair. The Assistant Director, Public Health, C. R. D., Poona, supervised the arrangements made by the Pilgrim Committee.

The Manek Thari Punem fair and the Rath Jatra fair were held at Dakor (Kaira District) on full-moon days in the months of Ashwin and Ashad attracting 16,000 and 59,000 pilgrims respectively. The sanitary arrangements were carried out by the Municipality on the lines suggested by the Assistant Director, Public Health, N. R. D., Ahmedabad. The Inspector of Sanitation and Vaccination, Anand and his staff attended the two fairs for supervision.

The Kartiki fair of Shree Ambaji was held from 1st to 7th November where about 7,000 pilgrims congregated. The Sanitary Inspector, Palanpur, looked after the sanitation of the fair.

The Shuklatirth fair in Broach District was held on 5th November. About 34,000 pilgrims attended the fair. The Inspector of Sanitation and Vaccination, Broach, and his staff attended the fair for sanitary arrangements. The Assistant Director, Public Health, N. R. D. also attended the fair.

The fair at Vautha was held from 2nd to 5th November. About 60,000 pilgrims congregated. The Sanitary Inspectors, Viramgam and Ahmedabad, the Sanitary Inspector (Shock Squad Scheme), 2 Epidemic Medical Officers and Vaccinator, Dholka with two Sanitary Squads attended the fair for arrangements. The Assistant Director, Public Health, N. R. D., Ahmedabad, supervised the arrangements.

Of the four periodical fairs at Saundatti Yellamma (District Belgaum), the Maghi fair is the most important. This fair was held from 8th to 16th February 1949. More than 60,000 pilgrims attended the fair. The sanitary arrangements were made by the Saundatti Pilgrim Committee and were supervised by the staff of the Public Health Department. The Assistant Director, Public Health, S. R. D., Belgaum, camped at the place during the period of the fair and guided the supervisory staff.

The fair at Yamnur was held from 17th to 24th March. About 22,000 pilgrims congregated.

The Banshankari fair was held from 12th to 20th January. Approximately 80,000 pilgrims attended the fair.

The fair at Shingnapur was held from 3rd to 12th April. About 90,000 pilgrims attended the fair.

The fair at Gokarn was held from 22nd February to 5th March. The number of pilgrims who attended the fair was about 20,000. The Assistant Director of Public Health, S. R. D., Belgaum, attended the fair and supervised the fair arrangements.

The Ulvi fair was held from 5th to 14th February. About 14,000 pilgrims attended the fair.

CHAPTER VII.

Urban Sanitation.

92. *Classification of Municipalities.*—Excluding the merged state areas there are 131 Municipalities in this State. Of these (excluding the Bombay Municipal Corporation) the Ahmedabad, Nadiad, Broach, Surat, Thana, Bandra, Kurla, Ahmednagar, Jalgaon, Bhusaval, Amalner, Chalisgaon, Dhulia, Nasik, Malegaon, Poona City, Poona Suburban, Lonavla, Satara, Sholapur, Pandharpur, Belgaum, Bijapur, Dharwar, Hubli, Gadag-Betgeri, Barsi, Kalyan, Godhra, Ratnagiri and Parle-Andheri Municipalities are borough Municipalities, Viramgaon, Bagalkot, Yeola and Guledgud are City Municipalities and the rest are District Municipalities.

93. *Number of Medical Officers of Health.*—During the year under report Medical Officers of Health with Medical Degree and Diploma or Degree in Public Health were employed in Poona City, Nasik, Ahmedabad, Dhulia, Surat, Ahmednagar, Bandra, Parle-Andheri, Sholapur, Pandharpur (upto 23rd April 1949), Kurla, Thana, Dharwar, Barsi and Jalgaon Municipalities maintained a L. C. P. S. with Diploma in Public Health and Hy. (Bengal) or the Junior Health Officers Examination Certificate (Bombay). Byadgi Municipality maintained a Medical Graduate only, as Medical Officers of Health, while Kalyan employed a L. C. P. S.

94. *Number of Sanitary Inspectors.*—One hundred and seventy-two qualified Sanitary Inspectors were employed in 72 towns, Poona City (25), Ahmedabad (18), Sholapur (12), Surat (11), Hubli (6), Bandra (4), Belgaum, Bijapur, Ahmednagar, Parle-Andheri, Nasik, Thana, Dharwar, Gadag, Broach, Nadiad, Godhra and Dhulia 3 each, Malegaon, Kalyan, Kurla, Baramati, Jalgaon, Bhusaval, Satara and Pandharpur 2 each and the following had one each, Kopargaon, Ratnagiri, Manmad, Sangamner, Shrirampur, Yeola, Juhu, Ghatkopar, Karad, Sangola, Mahableshwar, Ranebennur, Byadgi, Nipani, Saundatti-Yellamma, Karwar, Bail-Hongal, Athani, Bagalkot, Gokak, Ilkal, Sirsi, Haveri, Akalkot, Barsi, Panchgani, Viramgaon, Dhanduka, Dholka, Modasa, Bulsar, Rander, Jambusar, Ankleshwar, Umreth, Kapadwanj, Anand, Borsad, Dohad, Chalisgaon, Amalner, Chopda, Dharangaon, Nandurbar.

95. *Municipal Sanitary Works.*—Advice was given to Municipalities by the Assistant Directors of Public Health and the District Health Officers in matters of water supply, conservancy, prevention and spread of diseases and sanitary matters generally. Action was taken by many of the Municipalities on the suggestions of which the following is a brief summary :—

The Athani Municipality constructed latrines and carried out repairs to katchra cart and gutters, Ilkal purchased two night soil carts, Wai carried out Krishna Ghat canalization work, Sirsi constructed public latrines, Bijapur constructed new gutters and repaired old ones, Karad constructed latrine blocks, Nipani dust

bins for depositing refuse and Motor Chassis for removal of night soil, Ichalkaranji constructed surface drains and latrines, Haliyal purchased carts and carried out repairs etc., to dust bins and water supply, Barsi constructed drains, urinals, latrines and dust bins, Saundatti-Yellamma constructed 2 sets of pucca latrines, Ranebennur constructed new gutters and repaired old ones. Hubli constructed part of a drainage and carried out improvements to Hubli water supply distribution system "A" main and constructed gutters, pipe, drains etc., Mahableshwar constructed 6 dust bins, Belgaum executed the various surface drainage schemes in the town, repairs to roads, latrines, provision of new dust bins etc., Parola constructed gutters, Dharangaon constructed public latrines and urinals, Nandurbar connected sullage water of 19 houses to underground drainage, Nadiad purchased one motor lorry for removal of night soil, Chalisgaon constructed new set of public latrines, urinals and 1353 feet new gutters where there is no drainage, Chopda purchased a motor truck for removal of the refuse.

96. *Municipal Water Supplies.*—There are piped water supplies in 68 towns. Of these 42 towns received adequate protected water supply.

97. *Infectious Diseases Hospitals.*—The Infectious Diseases Hospital, Poona, admitted 848 patients of whom 164 died. The highest number of admissions (144) was from Smallpox. There were 27 admissions from Plague, one from Cholera and 103 from Poliomyelitis. Temporary Infectious Diseases Hospitals were opened at Malegaon and Kalyan by the respective Municipalities for treatment of cholera cases. A temporary Infectious Diseases Hospital was also opened at Ghoti by the District Local Board, Nasik, for treating plague cases. Bombay, Ahmedabad, Ahmednagar, Sholapur, Dhulia, Surat and Pandharpur Municipalities maintained their own Infectious Diseases Hospitals or wards.

98. *Action taken by the Municipalities under the Municipal Acts and Bye-laws.*—Seventy-two Municipalities issued 24,986 notices under different bye-laws pertaining to public health matters of which 17,515 were complied with, 13,751 prosecutions were launched and 6,424 convictions were obtained. Prosecutions in case of 841 notices were withdrawn.

99. *Board of Health.*—The former Board of Public Health works was re-constituted in June 1949 with Hon'ble Minister of Health as Chairman and named as Board of Health. During the year 1949 two meetings of the Board were held in June and October. The following proposals of different local bodies were approved by the Board for preparation of detailed plans and estimates :—

Goregaon Water Supply.
Dholka Water Supply.
Guledgud Water Supply and Drainage.
Sangola Water Supply.
Rander Water Supply.

Grants-in-aid were recommended by the Board for certain schemes a follows :—

Improvements to Poona City Water Supply...	33·1/3 %
Mehemadabad Water Supply (Purchase of water works from a private Co., and carrying out improvements)	50 %
Ratnagiri Water Supply	33·1/3 %
Improvements to Satara Water Supply ..	33·1/3 %
Improvements to Unkal Water Works, Hubli.	33·1/3 %
Dombivali Water Supply (Internal distribution system)	60 %
Improvements to Dharwar Water Supply ...	33·1/3 %
Dhulia Municipality—Scheme for Harijan locality in old gaothan	50 %
Bailhongal Surface Drainage	50 %
Karmala Water Supply	50 %
Piped Water Supply, Vasad village (District Kaira)	50 %
Piped Water Supply, Chikhodra village (District Kaira)	50 %
Improvements to Sirsi Water Supply (Construction of two wells)	50 %
Nasik Drainage	33·1/3 %
Broach Water Supply	33·1/3 %
Aqua privies, Bulsar	50 %
Sangamner Water Supply	50 %
Viramgaon Water Supply	50 %
Bassein Drainage	50 %

CHAPTER VIII.

Rural Sanitation.

100. *District Health Officers.*—The District Health Officers Scheme i functioning in all the Districts in the Province. The posts of Distric Health Officers of the Districts of Poona, Broach, Panch Mahals an Amreli remained vacant owing to the paucity of medical men qualifie in Public Health. The Civil Surgeons of Kaira and Kanara had t continue as District Health Officers in addition to their duties The scheme remains to be extended to the districts of Sabar Kantha Banas Kantha and Sangli.

The activities of the District Health Officers were mainly directe towards the control of epidemic diseases propaganda by means of magi lantern shows, lectures and talks, management of fairs and festivals disinfection of water supplies etc. The Sanitary Squads were employe in cleaning villages, disinfection of drinking water supplies and infecte materials in case of infectious diseases, cyanogasing in times of Plagu

epidemics, construction of soak-pits and bore-hole latrines, removal of manure heaps from inhabited areas, laying barium carbonate baits etc. Vaccination and re-vaccination were carried on on a large scale. Owing to the activities of the staff, there has been some improvement in the notification and registration of cases of the 3 main infectious diseases viz., Plague, Cholera and Smallpox.

101. *Epidemic Medical Officers.*—The services of Epidemic Medical Officers were mostly utilised for work in connection with epidemics such as Cholera, Plague and Malaria. They visited villages for sanitation and control of epidemic diseases at the time of fairs. They also attended to general sanitation when there were no epidemics. During the non-epidemic periods their services were utilised for rural medical relief.

102. *Health Unit, Sirur.*—The work of the Health Unit was satisfactory during the year under report 2,086 births and 1,097 deaths were registered in the area of the Health Unit. 109 omissions in the birth and death registers maintained by the Village Patils were detected as against 150 in 1948. There were 18 attacks from smallpox with no death. Primary and re-vaccination performed during the year were 1,908 and 2,090 respectively. The Health Unit was free from Plague and Cholera. 678 anti-plague inoculations and 793 anti-cholera inoculations were performed. As regards sanitary improvements 9 villages and 49 premises were cleaned, 67 manure pits were made, 13 soak-pits were constructed and 7 were remodelled, 4 new latrines were built, 25 windows fixed, 1 well was improved and 4 pumps were installed. Anti-malaria measures were taken in the Health Unit area and breeding places in 6 villages were oiled. The number of home visits paid by the staff was 52,332. 132 clinics were held, the post-natal, ante-natal and infant visits amounted to 47,214. 370 labour cases were conducted during the year. Home demonstration classes were also held and the number of sessions held was 134, the total attendance being 2,471. The cases treated in homes for various diseases by Health Visitors and midwives during the year were 13,000. The unit is serving as a training centre for public health workers 31 Subsidised Medical Practitioners were given training in public health work. Two batches of Sanitary Inspectors' class of Poona School attended the practical training on rural sanitation, each for 15 days in May 1949 and November 1949 respectively. Propaganda was conducted as usual by giving talks on rural sanitation. 10 lantern talks on different subjects were given by the Sanitary Inspectors of the Health Unit and 12 cinema shows were held in the Unit area during the year under report.

103. *Combined Medical and Public Health Units.*—Work carried out by Sanitary Units. For description of the Scheme please see paragraph 110 of this report (under Chapter No. IX, Maternity and Child Welfare) work done by the Health Assistants and squads under them at each of the centres of Combined Medical and Public Health Units is given below :—

Centre.	Taluka.	District.	No. of villages visited.	Vaccinations. Primary.	Vaccinations. Re.
1	2	3	4	5	6
Vapi ..	Pardi ..	Surat ..	8	424	131
Dindori ..	Bulsar ..	Do. ..	7	251	92
Rankuwa ..	Chikhli ..	Do. ..	7	378	44
Bhata ..	Chorasi ..	Do. ..	6	321	58
Kukurmunde ..	Taloda ..	West Khandesh..	19	217	122
Nagthana ..	Satara ..	Satara ..	6	300	1,001
Koregaon ..	Koregaon ..	Do. ..	4	443	1,814
Hattid ..	Sangola ..	Sholapur ..	7	265	953
Natepute ..	Malshiras ..	Do. ..	5	470	477
Kaladgi ..	Bagalkot ..	Bijapur ..	6	439	4,295
Huvin-Hippargi..	Bagewadi ..	Do. ..	8	379	5,608
Saundalga ..	Chikodi ..	Belgaum ..	7	395	454
Madhbhavi ..	Athani ..	Do. ..	6	375	1,198
Murgod ..	Parasgad ..	Do. ..	8	307	913
Rahata ..	Kopergaon ..	Ahmednagar ..	5	512	1,283
Wambori ..	Rahuri ..	Do. ..	4	558	1,131
Pimpalgaon-Pisa.	Shrigonda ..	Do. ..	5	269	454
Kankavli ..	Kankavli ..	Ratnagiri ..	5	546	1,345
Khanu ..	Ratnagiri ..	Do. ..	12	371	351
Khadakvasla ..	Haveli ..	Poona ..	7	361	669
Bhilad ..	Umbergaon ..	Thana ..	10	220	1,151

Staff during the year 1949.

Road Swept. Feet.	Surroundings cleaned.				Pits.	
	No. of houses.	Area of houses in feet.	No. of schools.	Area of schools in feet.	Filled in.	Drained.
7	8	9	10	11	12	13
342,147	12,338	10,39,039	270	44,842	616	994
191,111	12,315	112,175	444	4,990	311	578
82,886	23,104	286,305	450	11,696	1,642	353
388,795	43,162	307,420	376	31,080	27	27
236,850	7,181	....	215	....	127	--
124,984	208	190,958	6	123,427	26	--
369,858	304	699,912	5	375,310	254	127
10,73,717	1,691	67,745	7	37,325	--	--
135,950	748	13,575	5	7,215	--	..
50,813	1,597	30,398	16	8,255	95	22
79,80,260	4,042	77,49,914	138	23,046	426	145
15,19,456	127	82,961	16	88,662	1,139	1,086
73,63,184	827	75,183	10	2,846	15	11
15,62,50,576	271	10,704,843	12	1,20,25,930	473	299
345,550	1,961	12,860	436	52,450	650	--
15,07,000	15,861	10,71,300	321	864,900	4,787	--
14,08,292	2,029	774,952	248	480,195	65	--
25,260	233	82,960	264	93,530	85	263
122,728	482	527,270	184	1,50,415	10	32
198,950	1,921	46,776	197	11,750	133	226
332,302	868	116,387	28	26,079	34	..

Work done by the Sanitary

Centre.	Taluka.	District.	Construction of			
			Trenches.	Bore-hole latrines.	Urinals.	Manure pits.
1	2	3	14	15	16	17
Vapi ..	Pardi ..	Surat ..	..	..	..	159
Dindori ..	Bulsar ..	Do. ..	..	2	..	53
Rankuwa ..	Chikhli ..	Do. ..	20	..	58	871
Bhata ..	Chorasi ..	Do. ..	61	15	282	199
Kukurmunde ..	Taloda ..	West Khandesh	70	..	..	104
Nagthana ..	Satara ..	Satara ..	55	2	35	7
Koregaon ..	Koregaon ..	Do. ..	55	6	26	19
Hattid ..	Sangola ..	Sholapur ..	909	..	20	385
Natepute ..	Malshiras ..	Do. ..	172	1	23	172
Kaladgi ..	Bagalkot ..	Bijapur ..	186	2	21	65
Huvin-Hippargi .	Bagewadi ..	Do. ..	490	..	51	50
Saundalga ..	Chikodi ..	Belgaum ..	9	11	11	74
Madhbhavi ..	Athani ..	Do. ..	4	3	3	9
Murgod ..	Parasgad ..	Do. ..	2	17	2	14
Rahata ..	Kopergaon .	Ahmednagar ..	1	5	10	207
Wambori ..	Rahuri ..	Do. ..	18	..	16	607
Pimpalgaon-Pisa.	Shrigonda ..	Do. ..	8	2	8	181
Kankavli ..	Kankavli ..	Ratnagiri ..	7	..	24	176
Khanu ..	Ratnagiri ..	Do. ..	..	..	25	69
Khadakvasla ..	Haveli ..	Poona ..	..	..	5	115
Bhilad ..	Umbergaon .	Thana ..	11	3	11	15

Staff during the year 1949—contd.

Baits.						Disinfection of	
Laid.	Consumed.	Rats found dead.	Mosquito breeding places treated.	No. of rat-holes fumigated.	Houses d s-infected.	Wells.	Honds.
18	19	20	21	22	23	24	25
18,510	10,081	767	39	..	14	3,028	..
7,739	4,130	593	31	..	..	1,518	..
28,717	11,026	5,694	434	..	..	3,984	..
49,353	39,225	570	107	..	4	1,655	..
16,882	6,501	207	107	1,205	8	1,398	..
84,172	23,293	845	..	..	701	11	..
26,818	12,085	1,212	1,099	..	191	15	..
141,350	98,437	1,385	..	..	..	897	..
13,310	9,292	148	..	..	..	82	..
56,694	29,043	1,064	..	..	..	41	1
89,994	50,139	639	12	..	..	684	..
50,212	17,687	248	..	..	..	185	..
59,616	21,356	318	..	..	1	23	..
60,925	33,070	853	..	..	5	68	..
90,925	48,516	1,931	449	913	70	2,321	1,225
22,253	7,884	1,552	760	447	2,133	1,969	1,702
11,143	4,227	683	3	25	..	502	243
52,803	28,798	2,077	..	1,798	5	4,100	..
13,991	6,671	1,928	..	..	..	1,153	..
27,698	14,686	530	..	148	7	148	246
3,840	2,682	523	96	365	..	456	168

104. *Land acquisition in villages for relieving over-crowding.*—Land was acquired in consultation with this Department for village extensions for 2 villages in East Khandesh District, 3 in Kaira, one in Ahmedabad, 5 in Bijapur and 10 in Dharwar. No progress was reported from any other districts.

105. *Village Water Supply.*—A grant of Rs. 23,00,000 was placed at the disposal of the Commissioners by Government during the year 1949-50, for improvement of village water supply. New draw wells were constructed as shown below :—

195 in Surat District, 58 in Panch Mahals, 68 in Broach, 50 in Kaira, 30 in Poona, 65 in Ratnagiri, 32 in Kolaba, 36 in Satara South, 62 in Satara North, 24 in Sholapur, 16 in Bijapur, 17 in Belgaum, 81 in Dharwar, 20 in Kanara, and 25 in Kolhapur.

The number of step wells converted into draw wells was 6 in Kaira, 4 in Ahmednagar, 9 in Kolaba, 17 in Satara North, one each in Satara South, Sholapur and Bijapur, 8 in Belgaum and 24 in Kolhapur.

This Department advises the Collectors in regard to selection of villages for construction of new wells and conversion of step wells into draw wells in order of priority from public health point of view.

106. *Sanitary Committees and Village Panchayats.*—Sweeping roads, cleaning ponds, constructing gutters, keeping sanitation and improving it, repairing latrines and constructing new ones, consideration of extension of villages, removing manure heaps, etc. were some of the activities of these bodies. The officers of this Department gave necessary advice with regard to sanitation of the villages.

107. *Guineaworm.*—Six anti-guineaworm workers were appointed in Dharwar District for a period of 5 months. In all 607 cases were reported from 84 villages of the District as against 1,277 from 137 villages during the previous year. The workers disinfected 118 step wells and 76 honds in the 137 villages visited by them. They also carried out propaganda in villages for prevention of the disease. The Sanitary Inspectors supervised their work.

108. *Rural Development.*—The District Rural Development Boards have been functioning in all the districts of the State to assist and advise all officers engaged on or connected with schemes of rural development approved by Government, to formulate schemes for the improvement of rural areas for the consideration of Government and to supervise and guide the work of the Taluka Development Boards and Village Food Production Committees. The Boards are to spend funds at their disposal on schemes of rural development approved by Government.

During the course of their tour the Sanitary Inspectors delivered lectures to the villagers on grow more food and value of leafy vegetables in the diet, general sanitation, water supply, removal of refuse, and

night soil, filling up of pits formed in gaothan, conversion of step wells into draw wells, importance of fresh air and ventilation, epidemic diseases and their prevention, personal hygiene, balanced diet, physical culture, etc. Classes were also held by the Inspectors at various taluka headquarters for village Police Patels and Secretaries of Village Panchayats, in village sanitation.

The following is the resume of health improvements carried out in villages in the different districts during the year July 1948 to June 1949 for which reports from the Rural Development Boards have been received.

Baroda.—The District and Taluka Development Boards have been recently formed in this District. The work of village cleaning, removal of village waste, providing water facilities in villages etc. was done during the Gram Sudhar Saptah in October 1949.

West Khandesh.—An amount of Rs. 3,000 placed at the disposal of the Collector, was granted to 10 villages in the district, for converting them into model villages. During the Gram Sudhar Saptah, health improvements such as cleaning, digging compost pits, using compost, were carried out. The Scheme of paying subsidy to village dais was continued during the year. Seventeen Village Panchayats took advantage of the scheme. Expenses on 1/3 of the pay, 1/2 of the dearness allowance, and bonus at Re. 1 per case, were borne by Government and the rest by the Panchayats concerned. Medicine chests were kept at different centres in the interior part. An amount of Rs. 390 was spent by the Board for payment of subsidy to Panchayats for construction of gutters.

Ahmedabad.—An amount of Rs. 800 was placed by the Board at the disposal of the Bombay Mothers and Children Welfare Society Gujarat Branch for arranging cinema shows on health subjects in 120 villages.

Kaira.—The Rural Development Board spent Rs. 5,610 for preparation of 34 hand lorries. These were given to Panchayats, Municipalities and other co-operative bodies at subsidised rates for collecting refuse. An amount of Rs. 800 was sanctioned for holding cinema shows on health subjects in 20 villages, through the Bombay Mothers and Children Welfare Society.

Broach.—A sum of Rs. 80 was spent by the Board for construction of a well for Harijans and repairs to another well.

CHAPTER IX.

Maternity and Child Welfare.

109. *The Bombay Mothers and Children Welfare Society.*—The Society had 40 Maternity and Child Welfare Centres (including the 5 Welfare Units) affiliated to it during the year 1949-50. The following grants were disbursed by the Society to different centres :—

	Rs.
(1) Maternity and Child-Welfare Centres affiliated to the Society.	37,706
(2) Expenses of the Welfare Units—	
Khed (District Poona)	18,168
Bhilawadi (District Satara South)	27,821
Palghar (District Thana)	21,028
Miri (District Ahmednagar)	7,453
Garbada (District Panch Mahals)	2,109
Total ..	1,14,285

The Society runs two Health Schools, one each at Bombay and Khed (Poona), for the training of Health Visitors.

Training of dais, assistant midwives and midwives is also undertaken by the Society. During the year 98 senior dais and 23 assistant midwives were trained and 46 and 25 candidates respectively were under training.

The work done by the various centres of the society is summarised below. (Of the 40 centres, information for 17 only was received in time and included in this report) :—

(*a*) Infants and toddlers attending clinics ..	16,801
(*b*) Infants and toddlers to whom milk was distributed	1,18,534
(*c*) Infants and toddlers sent to hospital ..	6,297
(*d*) Expectant mothers attending clinic	5,310
(*e*) Expectant mothers sent to hospital for treatment	294
(*f*) Cases delivered by centre nurses at patients' houses	264
(*g*) Cases delivered by trained dais	143
(*h*) Cases sent for delivery to hospitals	533
(*i*) Post-natal cases attending clinics	368

For its various activities, the Society received the following grants from Government :—

Rs.	
33,096	A consolidated grant for different activities.
47,725	Towards maintenance of the 5 Welfare Units (75 % of the actual expenditure incurred by the Society).
7,000	For opening a new Welfare Unit at Garbada (District Panch Mahals) in co-operation with the Kasturba Gandhi Trust.
44,000	Building and equipment grant for the Palghar Unit.
11,624	Supplementary grant to meet the deficit incurred during the previous years.
1,43,445	

110. *Combined Medical and Public Health Units.*—Twenty-one centres of combined Medical and Public Health Units on the basis of one for each taluka have started functioning.

The staff sanctioned for each unit is shown below :—

Subsidised Medical Practitioner (Allopathic) — trained in Public Health.

Maternity Unit.	Sanitary Unit.
1 Health Visitor.	2 Health Assistants.
1 Midwife.	2 Mukadams.
1 Trained dai.	4 Sanitary Orderlies.
1 Woman attendant.	

Each unit comprises of about 4 to 8 villages within a radius of 3 to 5 miles, covering a population of 8,000 to 10,000. Only 21 units could be started one each in Bulsar, Pardi, Chorasi, Chikhli, Satara, Koregaon, Malshiras, Sangola, Athani, Parasgad, Bagalkot, Bagewadi, Chikodi, Haveli, Rahuri, Kopargaon, Shrigonda, Kankavli, Ratnagiri, Umbergaon and Taloda talukas. In all the 21 units Health Assistants with squads were appointed and the work regarding sanitary improvement was carried out, and in 17 units Subsidised Medical Practitioners and Maternity staff as it became available was appointed. Work done by the Subsidised Medical Practitioners and Maternity staff at each of the centres of combined Medical and Public Health Units is given below :—

Work done by the Subsidised Medical Practitioners and Maternity staff during the year 1949.

Centre.	Taluka.	District.	No. of villages under the centre.	No. of villages visited.	No. of patients treated at the centre.	No. of patients treated at the sub-centres.	Schools visited.	Children examined.	No. of houses visited.	Cases seen					Clinics		Labour cases attended in houses.	No. of beds at the unit.	Deliveries in centres.
										Ante-natal.	Post-natal.	Infants.	Toddlers	Cases treated.	Ante-natal.	Post-natal.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Dungri ..	Bulsar ..	Surat ..	7	7	107	..	9	..	..	..	..	..	..	..	..	..	..	..	..
Rankuwa ..	Chikhli ..	Do. ..	7	7	955	..	18	971	..	..	..	..	..	..	..	..	..	..	..
Vapi ..	Pardi ..	Do. ..	8	8	..	..	..	..	1 374	149	129	199	257	573	37	6	10	4	..
Nagthana ..	Satara ..	Satara ..	6	6	6,422	377	6	257	4,707	1,309	626	1,822	1,524	2,618	56	7	..	4	88
Koregaon ..	Koregaon ..	Do. ..	4	4	2,261	32	8	338	3,483	260	196	309	411	1,335	71	12	17	4	62
Hattid ..	Sangola ..	Sholapur ..	7	7	..	..	..	..	735	86	95	162	277	..	2	..	2	..	..
Natepute ..	Malshiras ..	Do. ..	5	5	12,070	1,726	12	7,603	3,919	1,073	621	252	181	581	534	301	1	4	..
Kaladgi ..	Bagalkot ..	Bijapur ..	6	6	4,809	209	10	725	3,610	1,457	1	2,962	41	28	..	..	158	..	..
Huvin - Hippargi.	Bagewadi ..	Do. ..	8	8	6,090	151	21	314	1,425	318	583	615	..	..	..	..	56	..	..
Saundalga ..	Chikodi ..	Belgaum ..	7	7	11,161	..	5	673	15,512	1,062	971	2,918	3,019	165	58	54	28	4	9
Madhbhavi ..	Athani ..	Do. ..	6	6	2,513	455	10	208	3,007	585	538	59	75	..	4	4	38	..	..
Murgod ..	Parasgad ..	Do. ..	8	8	2,807	770	5	7	5,143	1,056	709	1,580	1,603	111	91	37	15	4	7
Rahata ..	Kopargaon ..	Ahmednagar.	5	5	18,180	420	8	599	7,541	1,942	784	2,064	1,984	1,736	93	93	77	2	30
Wambori ..	Rahuri ..	Do. ..	4	4	..	..	..	..	7,925	2,238	1,382	1,087	1,294	2,295	195	105	106	2	10
Pimpalgaon Pisa.	Shrigonda ..	Do. ..	5	5	..	..	..	..	14,415	1,870	1,603	2,240	2,189	665	137	55	89	2	13
Kankavli ..	Kankavli ..	Ratnagiri ..	5	5	7,355	1,719	2	345	5,444	325	314	958	1,036	..	20	1	41	2	10
Khanu ..	Ratnagiri ..	Do. ..	12	12	6,069	1,300	10	160	2,302	271	305	480	501	75	10	12	30	2	41
Khadakvasla.	Haveli ..	Poona ..	7	7	3,252	689	85	962	18,145	710	708	510	622	1,895	465	76	86	6	95
Bhilad ..	Umbergaon..	Thana ..	10	10	5,532	22	487	743	4,163	762	438	589	630	109	135	58	2	4	..

111. *Measures taken to reduce infant mortality.*—

Surat.—There are 9 maternity homes and 8 child welfare centres in the town.

Broach.—There are 5 maternity homes and 2 child welfare centres in this town.

Ahmedabad.—In addition to 2 municipal maternity hospitals there are 35 maternity homes and 1 child welfare centre in the city. The Municipality maintains 2 lady doctors and 12 midwives to attend to delivery cases free of cost.

In Dhulia and Jalgaon towns there are 5 and 2 maternity homes respectively.

The Municipalities of Surat, Broach, Ankleshwar, Anand, Borsad, Mehemadabad, Nadiad, Dohad, Godhra, Prantij, Viramgaum, Dharangaon, Chalisgaon, Nandurbar and Shahada engaged midwives to attend to delivery cases.

112. *Satara Health Association.*—This Association closed down its activities from October 1949 owing to financial difficulties. For the work done by it during the first half of the year 1949-50 Government paid a grant of Rs. 1,000 to it.

113. The Municipalities of Satara, Mahableshwar, Panchgani, Karad, Sholapur, Karmala, Barsi, Bijapur, Guledgud, Nipani, Athani, Saundatti, Hubli, Ranebennur, Dharwar, Byadgi, Karwar, Haliyal and Sirsi provided maternity service to its women citizens. In addition, Panchgani, Sholapur and Belgaum Municipalities and Belgaum Cantonment maintained Health Visitors.

CHAPTER X.

114. *School Hygiene and Medical Inspection of School Children.*—Schools were visited from time to time during the course of their visits for vaccination work by the Vaccinators or for inspection thereof by the Sanitary Inspectors. Besides, the Sanitary Inspectors took the opportunity of giving instructions to the school children on personal cleanliness, school hygiene, cholera, plague and vaccination and the protection afforded by the vaccination against smallpox.

Instructions in health and hygiene are imported in primary schools. In standard VII of Boys' schools, physiology and hygiene are the subjects of the course prescribed for that standard and at the final examination questions on hygiene are set. In Girl Schools, Hygiene is taught as one of the regular subjects of instruction. In the course of studies in primary training institutions for men, the subjects of "Hygiene" and "Physiology" have been prescribed for the second

year class, while in the training institutions for women, these subjects have been prescribed for the first year and " Domestic Science " for the second year class. Equipped with the knowledge of the subjects the teachers are in a better position to pay attention to children's cleanliness, correct sitting posture proper holding of books, etc. Care is also generally taken by the school authorities to see that the school houses are, as far as possible, well lighted and ventilated.

Propaganda work in school hygiene is done by way of lectures, demonstrations and magic lantern slides. The Visual Instruction Branch of the Educational Department also demonstrates in rual area by magic lantern slides the principles of cleanliness and sanitation of the various topics dealt with in these illustrated lectures, the subject of health and hygiene forms an important part. Government inspecting officers also deliver lectures with the aid of magic lantern on health and hygiene for the benefit of school children and the general public.

Medical Inspection of School Children.—The statistics of medical inspection of school children are as per sub-joined statement.

Statement showing the details in connection with the Medical Examination of School Children examined during the year 1949.

Total Strength of the School.	Total No. of pupils examined.	Total No. of pupils found defective.	No. of pupils suffering from disease of													Remarks.
			Teeth.	Eyes.	Tonsils.	Nose.	Ear.	Skin.	Heart.	Liver.	Spleen.	Lungs.	Lim-phatic glands.	Leprosy.	Mis-cella-neous.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
District Local Board, Panch Mahals.																
10,594	8,083	1,834	265	38	137	10	38	177	9	10	624	11	52	...	13	
Jalgaon Municipality.																
4,333	3,496	1,897	438	119	580	108	159	118	21	..	210	31	...	..	268	
Hubli Municipality.																
12,634	2,686	239	15	4	171	...	2	25	1	8	..	..	..	..	23	
Bombay Municipality.																
172,000	41,855	31,156	1,318	4,329	6,908	1,082	607	5,564	2,337	..	255	1,173	5,382	48	1,808	
Ahmedabad Municipality.																
195	15,537	4,420	716	718	4,534	..	61	148	411	237	..	5	..	..	56	
Gadag Municipality.																
5,857	1,902	437	33	41	115	1	2	83	20	2	..	..	..	..	...	

CHAPTER XI.

Health Propaganda.

115. *Propaganda by means of films and magic lanterns.*—The Propaganda Van of the Public Health Department which is equipped with 35 and 16 mm. talkie projectors, films, models, exhibits, etc. toured the districts of Ahmednagar, Thana, Nasik, Poona, Belgaum, Bijapur and Satara South. A summary of the propaganda work done is furnished below :—

Name of District.	No. of villages and towns visited.	No. of cinema shows.	Attendance.
1. Ahmednagar ..	11	18	Varied from 500 to 2,600.
2. Thana ..	16	16	„ „ 300 to 1,600.
3. Nasik ..	18	18	„ „ 200 to 1,700.
4. Poona ..	17	37*	„ „ 60 to 5,000.
5. Belgaum ..	16	16	„ „ 400 to 2,000.
6. Bijapur ..	17	19	„ „ 1,500 to 4,000.
7. Satara South ..	3	4	„ „ 350 to 2,200.

*These include cinema shows organised at the fairs held at Alandi, Jejuri and Kondhanpur.

In addition to the above, 11 demonstrations were arranged at the National Savings Projects Exhibition held at Poona in April 1949. The attendance varied from 400 to 900.

Two thousand one hundred and sixty-five Magic Lantern demonstrations were arranged by the District Health Staff, during the course of their tour, in 2,025 villages in 19 districts of the State. The demonstrations were largely attended by the public.

116. *Exhibitions.*—During the year 5 major and 8 minor exhibitions were organised in Ahmednagar District. Models, posters and other propaganda material, were exhibited. These served as educational centres for villagers in health matters. A health stall was arranged by the District Health Officer, Thana at the "Bombay Shows the way" exhibition held at Bombay in November-December. A health stall was also installed at the National Savings Projects Exhibition held at Poona in April-May. The stall gained popularity as propaganda by means of posters, models, films on various health subjects and gramophone records, was vigorously carried out. This Department also took part in the following exhibitions :—

(1) Beekeepers Conference at Nandgad, Taluka Khanapur, District Belgaum.

(2) Visual Aid Exhibition at Belgaum.

(3) Agricultural and Cattle Show at Sirsi, District Kanara.

(4) Industrial and Health Exhibition at Hubli, District Dharwar.

(5) District Agricultural and Cattle Show at Mhaswad, District Satara North.

(6) Jotiba fair at Wadi Ratnagiri, District Kolhapur.

(7) Chinchali fair, District Belgaum.

Models, Charts, posters, etc. were exhibited at the above shows and the visitors were explained the importance of the same. In addition talkie films were demonstrated at the exhibitions Nos. 1, 5, 6 and 7 Films with the District Health Officer, Kolhapur, were screened during the Gram Sudhar Saptah at 5 villages in the district and at a fair in Hatkanangle Taluka.

117. *Propaganda by the Gujarat Branch of the Bombay Mothers and Children Welfare Society.*—The Gujarat Branch of the Bombay Mothers and Children Welfare Society carried out propaganda on health, maternity, child welfare and nutrition by means of health exhibitions, cinema shows and health talks. Eleven rural exhibitions and cinema shows were organised by the Society on behalf of the Rural Development Board, Ahmedabad, in the district. Propaganda was also carried out in mills of Ahmedabad City and in the city. The Society has maintained a cinema operator equipped with a projector, films and other propaganda material.

Government paid a grant of Rs. 1,500 to the Society for the purpose during the year 1949-50.

118. *Sanitary Associations.*—The work done by different Sanitary Associations is shown below :—

Bombay Sanitary Association.—The Health Visitor of the Association inspected in all 545 chawls in different slum areas for finding out sanitary and conservancy defects. He also carried out educational work by group talks. Seventy-six magic lantern lectures on health subjects were delivered by the Health Visitor in the chawls of Bombay City in the fair season. During the monsoon 22 lectures on 'Typhoid Fever' and 'Health Habits' were given to the students attending different Municipal Schools in the city.

Broach Sanitary Association.—The Association arranged 17 magic lantern shows and lectures on smallpox, prevention of Blindness, Food and Temperance, in various parts of the city. A special magic lantern show was arranged at Shukaltirth during the annual fair. The association also arranged magic lantern and cinema shows on different health subjects in different High Schools of the City, with the help of Administrative Officer, Municipal School Board and Heads of the institutions. 11,504 persons attended the magic lantern shows. Forty-three cinema shows were arranged in the city. 10,760 persons attended. Three Health Exhibitions were held at the District Headquarters Broach

and one Maternity and Child-welfare exhibition was arranged for the Home Nursing Candidates from Jambusar at Broach. Films were shown at these exhibitions. With the co-operation of the Indian Red Cross Society, Broach District Branch, Child Welfare work was continued in the city. Babies under 2 years were weighed and examined and milk was distributed free to the poor and needy children. Village medical aid work was also continued in 146 villages and 38,675 patients took advantage thereof. The Medical Officer of the Association was sent on duty in the Famine stricken area of the district. During this period of three months he treated 2,772 cases suffering from different diseases. With the co-operation of the St. John Ambulance Association, Broach Centre, 5 classes in 'First Aid to the Injured' and 2 classes in 'Home Nursing' were conducted at Sajod, Jambusar and Broach. The centres of the Association continued to give free use of nursing materials to the public.

Government pays an annual grant of Rs. 500 to this Association.

Arogya Mandal, Poona.—The members of the City Inspection Committee of the Arogya Mandal visited different localities of Poona City and brought defects in sanitation and complaints about insanitary conditions to the notice of the Health Officer. The child welfare centre conducted by the Mandal with the help of Bombay Mothers and Children Welfare Society, Bombay at Poona functioned well in the thickly populated locality of the city. Advantage of this centre was taken mostly by the poor people. The Health Visitor of the centre attended to children and pregnant women, at the centre in the mornings and gave advice as regards maintenance of health. In the afternoon she paid home visits for the same purpose. The Mandal gives 4 ounces of milk per child to about 20 poor and deserving children free of charge. Infants are also given tomato juice, fresh fruit juice and Kanji when required. A record of the health of children was kept. Children are given ultra-violet rays when required as per doctor's instructions thrice a week. The number of children who are taking advantage is about 157 per month. The Mandal maintains a Health Museum. Several exhibits are on view. The Mandal provides medical appliances to poor and needy sick persons. Many persons take advantage of these appliances.

Three health exhibitions were arranged at Alandi, Lohagaon and Poona. The Mandal exhibited models, food stuffs, vegetables etc. at the request of the Managing Committee of the All India Physical Conference held at Poona. It co-operated with Bombay Mothers and Children Welfare Society and gave help for curative and preventive work in villages nearby Poona, with the aid of mobile dispensary van. The Mandal arranged a lecture on poliomyelitis in co-operation with Poona City Municipality, which was attended by nearly 1,000 people.

A grant of Rs. 200 is given to the Mandal by Government.

The Sanitary Association, Ahmedabad.—The Association co-operated with the Bombay Mothers and Children Welfare Society in carrying

out health exhibitions and cinema shows in mills in Ahmedabad by lending its staff, posters, cinema unit, etc. The number of persons who attended, ranged from 1,000 to 3,000. The Agricultural and Cattle Show at Derol, organised by the Panch Mahals Rural Development Board, was also attended by the Associations' staff as requested and exhibits were arranged. The total attendance at this exhibition was 10,000 approximately. The Association also gave its full co-operation, in carrying out one day health exhibitions and cinema shows in 20 different villages of Ahmedabad District, arranged by the Bombay Mothers and Children Welfare Society at the request of the District Rural Development Board. The total attendance at these exhibitions and cinema shows ranged from 500 to 2,500. Further the Association co-operated with the different authorities (e.g. Prohibition, Visual Aid) in organizing exhibitions.

At the request of various Mandals and Societies, cinema shows were arranged by the Association at different places. It carried out health propaganda, by delivering talks on Radio and publishing articles on different health subjects in local newspapers. The Association has maintained a Sanitary Museum. Models and posters in the museum are utilized by the Health Visitor for demonstrations and health talks. The Health Visitor reported 461 complaints about insanitary conditions to the Municipality through the Association which were attended to by the Municipality. Construction of a building for the museum of the Association is under consideration. Government pays an annual grant-in-aid of Rs. 1,000 to the Association.

CHAPTER XII.

Relation of food to health and diseases.

119. *Prices of food grains.*—The prices of food grains during 1949 in Deccan and Bombay City were higher than those during the previous year by 7 per cent. and 56 per cent. respectively. The prices in Gujarat and Konkan, however, went down by 43% and 39% respectively. The prices in Karnatak showed no change.

120. *Scarcity.*—Scarcity conditions were declared in six districts viz. Ahmedabad, Kaira, Surat, Banaskantha, Belgaum and Dharwar and continued in Broach District during the year under report. The situation was under control from the health point of view. The existing public health staff, assisted by the special Medical Officers and inoculators, carried out the measures which were two fold viz. rendering medical aid to the people engaged on the scarcity works and carrying out anti-epidemic measures on the works as well as in the villages in the scarcity zone. The local Subsidised Medical Practitioners and dispensary Medical Officers assisted in the medical relief works in the scarcity affected villages. The public health measures carried out by the Public Health staff constituted general sanitary and conservancy arrangement, regular disinfection of all water supplies, prophylactic inoculations against cholera and vaccination against smallpox.

Immunization.—217,233 inoculations against cholera and vaccinations, primary 12,596 and Rs. 68,874 against Smallpox were performed by the staff. Dispensary Medical Officers and Subsidised Medical Practitioners also helped in carrying out mass inoculations.

Disinfection of water supplies.—Arrangement was made to disinfect water supplies on every alternate day at the scarcity works. Weekly disinfection of all water supplies of each of the affected villages was carried out. Arrangement was also made to distribute water by means of tankers to these villages, which had no drinking water supplies at their villages and those who had to obtain drinking water from distant villages.

Supplementary food.—(1) Skimmed milk was distributed free of charge to the labourers on the scarcity works and also in the scarcity affected villages where conditions were pretty bad.

Vitamin tablets.—360,100 AD and 214,248 BC vitamin tablets were distributed to the labourers on the scarcity works and also in the scarcity affected villages.

Paludrine and Mepacrine tablets.—27,468 Paludrine, 26,373 Quinine and 7,500 Mepacrine Tablets were given to the needy persons.

Medical Aid.—The Epidemic Medical Officer, Kaira District, was deputed to Broach District with a Van. He was stationed at Jambusar in Broach District to watch the health condition of the labourers actually employed on scarcity works and to treat them and to visit as many villages as possible of the affected area of Jambusar and Amod talukas. Special Medical Officers were also appointed for scarcity duty. They visited scarcity works to watch the nutritional state of the labourers to distribute vitamin, quinine and Paludrine tablets and to give treatment for ordinary complaints. They also assisted the Public Health staff in their work.

In addition to the Van under the Epidemic Medical Officer at Broach and Hygiene Unit Van at Dharwar, 6 Morris buses were put in the following districts :—Broach (1), Ahmedabad (2), Kaira (1) and Banaskantha (2). The services of these buses were used to keep a vigilent eye on the affected areas and adopt immediate preventive measures.

Termination of scarcity.—The declaration made of the existence of scarcity conditions in Ahmedabad, Broach, Kaira, Surat and Banaskantha were cancelled with effect from 1st December 1949, and of Dharwar District from 1st January 1950 and those of Belgaum District from 16th October 1949.

121. *Adulteration of Food Stuffs.*—The Bombay Prevention of Adulteration Act, 1925, was in force in the towns of Bombay, Ahmedabad, Surat, Broach, Dhulia, Sholapur, Ahmednagar, Amalner, Kurla, Hubli, Kapadvanj, Thana, Nadiad, Ghatkopar-Kirol, Pandharpur, Nasik, Belgaum, Ankleshwar, Parle-Andheri, Godhra, Trimbak, Poona City, Bulsar, Barsi, Bhusawal, Dharwar, Malegaon, Igatpuri, Chopda, Satara City, Umreth, Chalisgaon, Poona Suburban, Mahableshwar, Viramgam, Gadag-Betgeri, Anand, Poona Cantonment, Manmad, Bagalkot and Jalgaon. Its provisions are being extended to other towns.

The following table shows the number of samples examined by the Public Analyst concerned and the number adulterated :—

Serial No.	Town.		Samples examined.			Samples found adulterated.			Total percentage.	
			Milk.	Ghee.	Other food stuffs.	Milk.	Ghee.	Other food stuffs.	1949.	1948.
1	2		3	4	5	6	7	8	9	10
1	Bombay	..	20,589 (Total of samples of Milk, Ghee and other food stuffs).			3,324 (Total of samples of Milk, Ghee and other food stuffs).			11	18
2	Ahmedabad	..	8,473 (Total of samples of Milk, Ghee and other food stuffs).			1,093 (Total of samples of Milk, Ghee and other food sutffs).			12	28
3	Broach	..	188	21	78	132	2	24	55	52
4	Dhulia	..	147	84	72	90	32	28	50	63
5	Sholapur	..	630	37	161	431	4	15	54	56
6	Ahmednagar	..	188	5	13	137	2	....	67	71
7	Amalner	..	100	36	13	85	15	....	66	60
8	Kurla	..	129	2	97	95	1	29	54	68
9	Hubli	..	34	..	124	26	....	37	39	66
10	Kapadwanj	..	60	7	8	42	....	....	56	58
11	Thana	..	15	3	36	10	1	6	31	36
12	Nadiad	..	264	12	15	133	4	2	47	45
13	Ghatkopar-Kirol	..	45	...	...	36	.....	..	80	83

Serial No.	Town.		Samples examined.			Samples found adulterated.			Total percentage.	
			Milk.	Ghee.	Other food stuffs.	Milk.	Ghee.	Other food stuffs.	1949.	1948.
1	2		3	4	5	6	7	8	9	10
14	Pandharpur	..	148	4	13	111	....	5	70	66
15	Nasik	..	59	12	93	44	2	19	39	35
16	Belgaum	..	77	....	29	73	....	8	75	81
17	Ankleshwar	..	9	....	2	7	....	....	63	50
18	Parle-Andheri	..	43	12	36	27	1	6	37	20
19	Godhra	..	45	3	33	13	....	26	48	80
20	Trimbak	..	14	....	6	7	....	2	45	44
21	Poona City	..	1,253	87	375	474	20	146	78	71
22	Bulsar	..	140	....	12	74	....	1	49	56
23	Barsi	..	56	3	9	38	....	....	55	72
24	Bhusawal	..	63	14	40	44	....	9	45	55
25	Dharwar	...	30	....	32	23	....	6	46	60
26	Satara City	...	92	....	4	90	....	4	97	89
27	Umreth	..	36	4	....	27	3	....	75	51
28	Malegaon	..	4	27	12	1	13	5	44	54

29	Igatpuri	..	4	....	7	2	....	2	36	44
30	Chalisgaon	..	47	2	14	42	2	10	85	80
31	Bandra	..	86	5	38	62	1	13	58	58
32	Chopda	..	26	12	22	18	2	8	46	....
33	Jalgaon	..	72	51	35	43	17	21	44	....
34	Gadag-Betgeri	..	11	....	15	11	....	10	80	....
35	Jambusar	..	35	10	20	22	3	3	43	....
36	Mahableshwar	..	18	1	14	12	....	2	42	....
37	Poona Suburban	..	331	5	38	216	4	13	62	....
38	Viramgaon	..	26	12	10	21	7	4	66	....

The Food Adulteration Act of the former Baroda State was in force in all the municipal towns of the Districts of Baroda, Amreli, Mehsana and Navsari. Twenty-three municipalities sent 2,431 samples of milk and 230 samples of ghee for examination to the Public Health Laboratory at Baroda. Out of these, 1,204 samples of milk and 50 of ghee were found adulterated. In view of the merger of Baroda State in the Bombay State, steps are being taken to apply the Bombay Prevention of Adulteration Act to all the municipal areas.

CHAPTER XIII.

Housing Urban and Rural.

122. *Government Industrial Housing Scheme in Bombay City.*—This consists of 207 chawls of reinforced concrete construction, each containing 80 rooms with the exception of one chawl at Naigaum in which there are only 64 rooms. These chawls are situated at four different centres viz. Delisle Road, Naigaum, Worli and Sewri.

The total number of rooms and shops available for accommodation in these chawls are 16,234 and 310 respectively. About 2/3rds of the total number of rooms (i.e. 10,220) are occupied by the public and Industrial Labour and the remaining are occupied by Government servants of Class IV and other service departments under the Government of Bombay. During the year 1949 all the rooms and shops were occupied. The number of persons occupying a single room can be roughly taken as eight on an average. The sanitation of the chawls was satisfactory, although the chawls were overcrowded and there was scarcity of water supply in the City. There was no epidemic of any kind prevalent in any of the four centres of chawls. Recreation centres were conducted by the Government Labour Welfare Department which provide facilities such as gymnasia, indoor and outdoor games, reading rooms and library, scouting, visual instructions through magic lantern shows, health advice, etc. Besides these, charitable Institutions, such as the Bombay Mothers and Children Welfare Society, provided medical aid to the tenants in Development Department Chawls through Maternity Homes and Creches. The Day Nursery conducted by Mrs. Sushila Daphtary, a social worker, provides a creche for the children of the tenants of Delisle Road Chawls. The Naigaum Social Service Society is carrying on social and athletic activities for the benefits of the children of the people residing in D. D. Chawls. The Bombay Municipality is conducting a free dispensary at Worli for the benefit of the chawl tenants. The Blind Relief Association in Chawl No. 52 at Worli is running an Industrial Home for the Blind. The tenants in the chawls take keen interest in all the above activities. The Boy Scout Association and the Hindustan Scout Association are also doing useful work in their own way in the matter of training boys to grow into useful citizens.

123. *Housing in Urban and Rural Areas.*—During the period under review 3 layouts—1 at Juhu covering an area of 450 acres and other two in respect of lands at Worli in the Bombay City covering an area of 100 acres—were prepared and furnished to the Housing Commissioner,

Bombay by the Consulting Surveyor to Government. Six layouts of Co-operative Housing Societies in Bombay and Bombay Suburban District were scrutinized and returned to these Societies with improvement suggested thereon.

With a view to relieve scarcity of living accommodation in Bombay and the Bombay Suburban District, and for expansion of industries, layouts of Government land at Chembur and Kurla were prepared and supplied to Government. Similarly layouts for residential purposes were prepared at Kurla (Bombay Suburban District) and at Kalyan and Nargol (Thana) and about 160 residential plots were carved out. In the Northern Division ; 29 layouts of private lands for an aggregate area of 148 acres, received from Revenue authorities were scrutinized and modifications were made wherever necessary. A layout of Government land measuring about 3 acres for Harijan quarters at Modasa (Ahmedabad) were prepared. Two comprehensive layouts of Government land for refugee towns at Vadaj and Deesa in Banaskantha District were also prepared. In the Central and Southern Divisions, 21 layouts comprising an area of 93 acres were prepared in various towns. Thirty-four layouts of land included in Town Planning Schemes covering an area of 279 acres, were prepared. Seven hundred and seventy-nine building permissions were referred to the Department and disposed of according to building regulations. The work of preparing a layout for conversion of the Military Camp at Kalyan into township, which covers an area of 3,000 acres with a population of 70,000 to 80,000 was undertaken. A comprehensive layout of the devastated towns of Godhra and Shehera and Master plans were prepared and supplied to Government. Master plans at Nasik, Poona, Bijapur, Malegaon, Guledgud and Uran-Islampur are in progress.

124. *Housing Societies.*—There was a phenominal rise in the number of Housing Societies during the year. One hundred and seventy-eight new societies were registered bringing the total to 493. The Housing Scheme of the Labour Department of Government is extended to the industrial cities of Bombay and Suburbs, Ahmedabad, Poona, Sholapur and Hubli. One hundred and sixteen Societies were registered in the above five cities as the result of special assistance by way of lease etc.

Government offers facilities under the housing programme, to housing societies in the matter of securing building sites, and gives preference in getting building material.

Under a Postwar Reconstruction Scheme, Government has made an allotment of Rs. 1,00,000 per year for five years for giving loans free of interest and subsidy towards cost of management etc. to Co-operative Housing Societies for Backward Classes. Fifty Societies are proposed to be registered at 50 centres. Out of these 41 were registered in the districts of Ahmedabad, Surat, Panch Mahals, Broach, Thana, Kolaba, Poona, Sholapur, Dharwar, Bijapur and Kanara. A special scheme was chalked out for the benefit of the victims of the devastating floods in Ahmednagar District. Twenty-four Housing Societies were started at 23 places. The working of the housing societies was on the whole satisfactory.

CHAPTER XIV.

Public Health Services and Administration.

125. *Public Health Laboratories.*—Shri J. L. Rebello, Assistant Director, Public Health (Epidemics) held additional charge of the post of the Assistant Director, Public Health, In-charge Public Health Laboratory, from 1st to 11th January 1949. He held full-time charge of the Laboratory from 12th January to the end of the year.

The following table shows the number of samples examined bacteriologically in the Laboratory :—

Cantonment Water Works.	Poona City Water Works.	Holkar's Bridge Water Works.	Other Sources.	Total.
2,220	617	1,154	4,340	8,331

The chemical examinations done were as follows :—

Water from Poona Cantonment Water Works.	Water from Other sources.	Sewage effluent.	Food, Drugs, Chemicals, etc.	For dose of sterilizer and free chlorine.	Other miscellaneous.	Total.
859	1,196	344	6,827	13,262	22	22,510

The results of the samples of water examined bacteriologically are shown below :—

Source.			Percentage of samples showing absence of lactose fermenters in 100 c.c.
Poona Cantonment Water Works		..	97·56
Holkar's Bridge Water Works	..	..	99·65
Poona City Water Works	..	..	86·05

Three hundred and two samples of articles of food such as milk, ghee, butter, oils, Atta, tea, etc. were received for analysis at the Laboratory from G. I. P. Railway, Government Institutions and private institutions and individuals. Nine hundred and eighty-one samples of edible oils received from various parts of the State were analysed, of which 252 were found adulterated.

During the year under report, the Assistant Director, Public Health visited the water works at Miraj, Sangli, Matheran, Mahableshwar, Kondhwa, Ahmednagar, Pimpalgaon, Sirur and Kurla. He also inspected the Mundwa Paper Mills.

Demonstrations were given in the Laboratory to the students of various schools, colleges, and institutions. The Laboratory had opened a stall in the National Savings Exhibition, Poona, and showed demonstrations to the public.

126. *The Municipal Laboratory at Ahmedabad.*—Shri M. V. Sane was the Officer in charge of the Laboratory. During the year 299 samples of water and 8,473 of food were examined at the Laboratory chemically and 456 samples of water bacteriologically. Four hundred and forty-eight pathological samples received from municipal dispensaries, labour hospitals and private medical practitioners were examined in addition.

127. *The Municipal Laboratory at Surat.*—Twenty-four samples of water and 1,314 samples of food were examined chemically and 55 samples of water bacteriologically. Samples of food stuff received from private parties were also examined.

128. *Public Health Administration.*—The Public Health Department consists of the following staff—a Director of Public Health, 3 Regional Assistant Directors of Public Health one in charge of each Registration District and 4 functional Assistant Directors of Public Health, one each in charge of Malaria, Plague, Public Health Laboratory and Vaccine Institute. The Assistant Director of Public Health (Plague) held the post in a temporary capacity. The posts of the Assistant Directors of Public Health (Epidemics) and the Additional Assistant Director of Public Health temporarily sanctioned by Government were abolished with effect from 1st April 1949. The other officers of the gazetted rank were one Entomologist, 19 District Health Officers, 15 Medical Officers in the Malaria Organisation, one Medical Officer I/c Health Unit, Sirur, 3 Medical Officers in charge Mobile Hospital Units. The other subordinate Public Health staff consisted of one Lady Doctor, 30 Epidemic Medical Officers, 8 Assistant Medical Officers, 13 Malaria Supervisors, 5 Malaria Inspectors, 10 Laboratory Assistants, 161 Sanitary Inspectors, 95 Sanitary Sub-Inspectors, 386 Vaccinators, 91 Insect Collectors, 368 Mukadams, 1,104 Sanitary Orderlies.

129. *Selected Districts.*—The system introduced in the year 1910 by which control of vaccination in four districts viz. Sholapur, Surat, Bijapur and West Khandesh, is exercised by the Local Bodies was continued throughout the year. The control of vaccination in the areas of Satara and Dharwar District Local Boards also rested with those bodies.

Appendices II and III of this report show particulars of Health Services in rural and urban areas and particulars of maternity and child welfare centres, health visitors and midwives in urban and rural areas.

Appendix IV shows the annual income and expenditure of institutions working in co-operation with the Public Health Department in the State during the year 1949-50.

130. *Training of Sanitary Inspectors* :—

Bombay.—There were 155 candidates on the class roll at Bombay Class which is conducted by the Bombay Municipality in co-operation with the Government of Bombay and the Royal Sanitary Institute, London. Twelve candidates subsequently did not join the class. Out of these 126 regulars, and 36 repeaters, making a total of 162, enlisted their names for the examination. Two of these absented themselves. Out of the 160 candidates, who appeared, 103 passed.

Poona.—Ninety-four candidates were admitted to the Poona Class which is run by the Government of Bombay, in two sessions every year. Eighty-three regulars and 21 repeaters making a total of 104 candidates appeared for the examinations held in June and December, out of whom 64 were successful.

131. The post of the Assistant Director, Public Health, N. R. D., Ahmedabad, was held by Shri M. J. Sabnis, B.Hy., throughout the year.

The post of the Assistant Director, Public Health, C. R. D., Poona, was held by Shri N. T. Advani, D.P.H., during the year from 1st January to 18th September 1949 and from 6th to 31st December 1949. During the period from 19th September 1949 to 3rd December 1949, Shri Advani officiated as Director of Public Health and Shri J. L. Rebello, D.P.H., Assistant Director, Public Health, In-charge Public Health Laboratory, held additional charge of the post of the Assistant Director, Public Health, C. R. D.

Shri T. B. Patel, D.P.H., was in charge of the office of the Assistant Director, Public Health, S. R. D., Belgaum, throughout the year.

The post of Director of Public Health was held by Shri E. Benjamin, D. P. H., during the year except for the period 19th September to 3rd December when he was on leave and Shri N. T. Advani officiated for him.

CHAPTER XV.

Vaccination.

132. *Primary Vaccination.*—(Appendix VI—Statement No. 1).

10,23,691 persons were primarily vaccinated during 1949 against 702,899 in the previous year. There is thus an increase of 320,792 primary vaccinations.

Results.—The case success rate was 99·6%. Out of 10,23,691 primary vaccinations performed 824,587 or 80·55 per cent. were verified as successful and 3,051 or 0·30 per cent. as unsuccessful. In the remaining 19·15 per cent. the results could not be ascertained.

Age and Sex.—Of the primary vaccinations 530,800 were males and 492,891 were females equal to the proportion a male female ratio of 107·69 to 100. 643,591 or 62·87 per cent. of primary vaccinations were among infants (under one year) 166,085 or 16·22 between the ages of one and five and 17,106 or 1·67 between the ages of five and ten.

33. *Revaccination.*—(Appendix VI—Statement No. 1).

32,60,084 persons were revaccinated against 15,27,990 in the previous year and the percentage of successful cases in which the results were known was 9·41. The results could not be ascertained in 29·00 per cent. of cases.

134. *Vaccine Institute, Belgaum.*—During the year purity and potency of all lymphs were tested as usual. The total number of doses of vaccine lymph manufactured and despatched was 48,70,440 and 52,35,930 respectively. The total number of doses distributed was 47,83,110 as against 39,10,720 in 1948. A chart showing the results of insertion success rate among primary vaccinations in the three Registration Districts and in Bombay City is attached. During the year the effect of the two new antibiotics chloromycetin and aureomycin on vaccine virus was investigated. Experiments were conducted both in rabbits as well as 11 day old embryonated hen's eggs. The results showed that neither of the two drugs in the dosages employed had any effect on the vaccine virus. Mass vaccinations in addition to usual primary vaccinations were carried out during the year to assess the practicability of the multiple pressure method of vaccination. The investigation showed that the multiple pressure technique is the method of choice, but this method cannot be introduced at present for want of adequately trained staff without whom extremely fallacious results may follow due to in-experience and haste. The cold room continued to work satisfactorily during the year. The construction of a new cold room is in progress. 1,161 calves were vaccinated. The rate of hire for the period from 1st January 1949 to 24th July 1949 was Rs. 24-8-0 per cow-calf and Rs. 30 per buffalo calf and for the period from 25th July 1949 to 31st December 1949 it was Rs. 27-8-0 per cow-calf. No buffalo calves were hired during the above period.

135. *Compulsory Vaccination.*—Excluding Bombay City and six Cantonments of Ahmedabad, Ahmednagar, Poona, Kirkee, Belgaum and Deolali, the Vaccination Act has been applied to 163 towns and 3,042 villages in the State. The increase in the number of towns and villages is due to the merger of States.

136. *General Remarks.*—A training class for candidate vaccinators was held as usual at the Vaccine Institute, Belgaum. There were 21 candidates all of whom passed the final test. Forty-eight Sanitary Sub-Inspectors were given intensive training during the year.

E. BENJAMIN, D. P. H.,
Director of Public Health
for the Government of Bombay, Poona.

Poona 1, 10th June 1950.

APPENDIX I.

The following table shows year of completion of drainage or water orks and a comparison of mean death rate in the towns concerned r periods preceding and subsequent to installation :—

In column 7 is given for comparison the death rate of the djoining rural circle for the year under report :—

District.	Towns.	Date of completion of work.		Mean death-rate (a).		Death-rate in adjoining rural circle (a).	Mean death-rate from cholera, *plus* dysentery and diarrhoea.		Remarks.
		Drainage.	Water Supply.	For years preceding the installation.	For the years (succeeding installation) ending 1949.		For the years preceding works.	For the years following the works ending 1949.	
1	2	3	4	5	6	7	8	9	10
hmedabad .	Ahmedabad .	1893	1891	45·75	26·18	23·68	·98	·48	
urat ...	Surat ...	...	1898	37·57	30·35	19·67	·85	1·05	
hmednagar.	Ahmednagar	...	1915	27·40	22·20	22·09	3·45	1·72	
ast Khandesh.	Jalgaon ...	...	1934	22·34	19·46	26·93	1·83	1·54	
Vest Khandesh.	Dhulia ...	...	1915	24·93	20·53	27·33	·68	1·42	
	Nandurbar...	...	1931	27·58	24·72	23·58	1·90	1·74	
Nasik ...	Nasik ...	...	1913	52·73	36·64	30·30	12·33	2·59	
	Trimbak ...	...	1921	43·88	27·23	30·30	2·35	1·91	
Poona ...	Poona City.*	1916	...	36·47	37·71	7·90	10·18	1·93	*Chlorination of water began in 1916.
	Poona Cantonment.†	...	1916	23·49	11·84	7·90	2·07	0·77	†Change in type of installation.
	Lonavla ...	...	1915	30·68	20·15	19·40	2·49	1·93	
	Alandi ...	...	1928	42·72	29·03	23·57	6·38	2·02	
Satara ...	Satara ...	...	1935	25·23	25·58	20·57	1·56	1·63	
	Karad ...	...	1916	18·58	13·04	21·11	7·10	·86	
Sholapur ...	Sholapur ...	...	1917	61·01	33·52	12·87	14·05	3·02	
	Barsi ...	...	1917	44·41	35·96	27·24	5·83	2·06	
	Pandharpur	...	1911	49·88	39·61	24·89	19·60	4·67	
Dharwar ...	Hubli ...	...	1894	26·67	14·02	20·94	5.73	1·11	
Ratnagiri ...	Ratnagiri ...	...	1913	23·97	20·73	21·20	2·07	1·09	
Bombay Suburban.	Bandra ...	...	1896	22·71	18·24	26·52	2·29	1·67	
Bijapur ...	Bijapur ...	...	1913	30·08	16·77	24·34	1·77	1·49	

(a) Exclusive of plague and influenza.

APPEN

Table showing Health Services in rural and

Serial No.	District.	Rural areas.									
		Medical Officers of Health.								Epidemic staff.	
		Medical Graduates.				Medical Licentiates.					
		With public health qualifications.		Without public health qualifications.		With public health qualifications.		Without public health qualifications.		Epidemic Medical Officers.	Other staff.
		Whole time.	Part-time.	Whole time.	Part-time.	Whole time.	Part-time.	Whole time.	Part-time.		
	1	2	3	4	5	6	7	8	9	10	11
1	Bombay City ...	...	...	..	...	...	...	...	...	...	...
2	East Khandesh ...	1	...	...	...	...	...	..	...	1	1
3	West Khandesh ...	1	..	...	...	...	...	...	...	1	1
4	Surat ...	1	...	...	...	...	...	...	...	1	...
5	Broach ...	...	...	...	...	...	...	...	...	1	...
6	Kaira ...	...	...	...	...	...	...	...	...	1	...
7	Panch Mahal ...	...	...	...	...	...	...	...	...	...	...
8	Ahmedabad ...	1	...	...	...	...	...	...	...	1	1
9	Banaskantha ...	...	...	...	...	...	...	...	...	...	...
10	Sabarkantha ...	...	...	...	...	...	...	...	..	...	...
11	Baroda ...	1	...	...	...	...	...	...	...	...	...
12	Mehsana ...	1	...	...	...	...	...	...	...	...	—
13	Amreli ...					(information not received)					
14	Ahmednagar ...	1	...	...	...	...	...	...	...	2	25
15	Poona ...	1	...	...	...	...	...	...	...	3	24
16	Nasik ...	1	...	...	...	...	...	...	...	2	24
17	Thana ...	1	...	...	...	...	...	...	...	3	23
18	Bombay Suburban ...	...	...	...	...	...	...	...	...	...	...
19	Kolaba ...	1	...	...	...	...	...	...	...	2	18
20	Ratnagiri ...	1	...	...	...	...	...	...	...	1	23
21	Dangs ...	...	...	...	...	...	...	...	...	...	...
22	Belgaum ...	1	...	...	...	...	...	...	...	2	1
23	Dharwar ...	1	...	...	...	...	...	...	...	3	1
24	Bijapur ...	1	...	...	...	...	...	...	...	2	1
25	Kanara ...	...	...	...	...	...	...	...	...	1	...
26	Sholapur ...	1	...	...	...	...	...	...	...	1	1
27	Satara North ...	1	...	...	...	...	...	...	...	1	1
28	Satara South ...	...	...	...	...	...	...	...	...	...	...
29	Kolhapur ...	1	...	...	...	...	...	..	...	1	...
	Total ...	18	...	...	...	...	...	...	...	30	145

WT=Whole time.
PT=Part time.

n the Bombay Province during the year 1949.

...ators. Female.	Medical School Officers.	Other Health staff.	Urban areas. Medical Officers of Health. Medical Graduates with public health qualifications. Whole time.	Part-time.	Medical Licentiates holding public health qualifications. Whole time.	Part-time.	Sanitary and Health Inspectors.	Vaccinators. Male.	Female.	Inspectors of Vaccination.	Medical School Officers.	Health Other staff.	Remarks.
14	15	16	17	18	19	20	21	22	23	24	25	26	27
...	...	...	77	30	40	...	29	25	1	1	...	53	
...	...	...	...	...	1	...	8	3	...	...	...	...	
...	...	...	1	...	...	...	4	4	...	...	...	...	
...	...	8	1	...	...	...	13	3	...	...	...	...	
...	...	...	...	...	...	...	5	1	...	...	...	...	
...	...	...	...	...	...	...	7	1	...	...	...	...	
...	...	...	...	...	...	...	4	...	...	...	...	...	
...	...	...	3	...	...	...	22	7	...	...	4	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	1	...	...	...	16	3	...	...	...	2	
...	...	...	...	...	...	...	2	...	...	...	...	...	
...	...	...	1	...	...	...	6	1	...	...	...	...	
...	...	...	1	...	8	...	27	7	...	...	...	3	
...	...	...	2	...	...	...	6	5	...	...	1	...	
...	...	...	...	...	1	...	4	2	...	...	...	2	
...	...	...	1	...	...	...	5	3	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	1	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	6	...	...	...	...	8	2	...	...	...	1	
...	...	...	...	...	1	...	15	3	...	...	...	3	
...	...	6	...	...	...	...	5	3	...	...	...	1	
...	...	...	...	...	...	...	2	1	...	...	...	...	
...	...	13	2*	...	1	...	17	7	...	...	3 part time	6	*One upto 23rd April 1949.
...	...	...	...	...	...	...	4	2	...	...	...	...	
...	...	...	...	...	...	...	2	...	...	...	..	...	
...	...	...	1	...	...	...	6	...	...	...	...	1	
...	...	33	91	30	52	...	218	83	1	1	8	72	

APPENDIX

Table showing maternity and child welfare centres, Health Bombay Province

Districts.	Maternity and centres main			
	Government.		Local and municipal bodies.	
	Rural.	Urban.	Rural.	Urban.
1	2	3	4	5
1 Bombay City	.....	.....	.....	22
2 East Khandesh	.....	.....	.....	1
3 West Khandesh	.....	.....	.....	2
4 Surat	1	.....	3	1
5 Broach	.....	1	.....	1
6 Kaira	.....	.....	.....	2
7 Panch Mahals	.....	.....	.....	1
8 Ahmedabad	.....	1	.....	8
9 Banaskantha	.....	.....	.....	.....
10 Sabarkantha	.....	1	.....	.....
11 Baroda	.....	1	.....	.....
12 Mehsana	.....	.....	.....	.....
13 Amreli	.....	.....	.....	.....
14 Ahmednagar	3	.....	.....	.....
15 Poona	2	.....	.....	1
16 Nasik	.....	.....	.....	.....
17 Thana	1	.....	.....	.....
18 Bombay Suburban	.....	.....	.....	2
19 Kolaba	.....	.....	.....	.....
20 Ratnagiri	2	1	.....	.....
21 Dangs	.....	.....	.....	.....
22 Belgaum	3	.....	.....	1
23 Dharwar	.....	.....	.....	.....
24 Bijapur	2	.....	.....	.....
25 Kanara	.....	.....	.....	.....
26 Sholapur	2	.....	.....	.....
27 Satara North	2	.....	.....	.....
28 Satara South	.....	.....	.....	.....
29 Kolhapur	.....	.....	.....	.....
Total ...	18	5	3	42

III.

Visitors and trained Midwives in rural and urban areas in the during the year 1949.

child welfare tained by							
Other agencies.		Trained health visitors.		Trained midwives.		Trained dais.	
Rural. 6	Urban. 7	Rural. 8	Urban. 9	Rural. 10	Urban. 11	Rural. 12	Urban. 13
.....	.....	.....	23	.....	30	.....	.....
.....	1	.....	.....	.....	2	4	2
.....	.....	.....	.....	.....	1	.....	.....
.....	6	1	.....	3	20	.....	.....
1	5	.....	1	1	5	.....	1
.....	4	.....	.....	.....	10	1	2
.....	.....	.....	.....	.....	2	.....	.....
.....	14	.....	1	2	78	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	2	.....	3
.....	.....	.....	.....	.....	3	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
.....	3	3	.....	3	2	3	.....
.....	7	5	.....	9	4	1	1
.....	1	.....	.....	.....	33	.....	17
.....	1	1	.....	1	3	1	.....
.....	2	.....	.....	.....	2	.....	3
.....	.....	.....	.....	.....	.....	.....	.....
.....	1	1	.....	2	5	2	15
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	2	1	2	.....	3	.....
.....	2	.....	1	.....	1	.....	.....
.....	.....	.....	.....	.....	.....	2	.....
.....	.....	.....	.....	2	.....	2	.....
.....	.....	1	.....	1	.....	2	.....
.....	.....	1	.....	2	.....	2	.....
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
1	47	15	27	28	203	23	44

APPENDIX

Statement showing the Annual Income and the State of Bombay

No.	Name of Institution.	Income.				
		Sale proceeds of sera, vaccines, etc.	Contributions.	Miscellaneous.	Recoveries of over-payment.	Total.
1	2	3	4	5	6	7
		Rs.	Rs.	Rs.	Rs.	Rs.
1	Director and Assistant Directors of Public Health.	17,124	.....	14,809	.....	31,933
2	Public Health Laboratory, Poona and Baroda.	.....	44,959	.....	.....	44,959
3	Belgaum Vaccine Institute ...	3,55,709	52,836	15,343	.....	4,23.888
4	Local Vaccination Establishment.	.....	2,18,506	.....	.....	2,18,506
5	Establishment of a Health Unit Organization.	.....	.....	.....	.....	.....
6	District Health Officers ...	.....	.....	.....	.....	.....
7	Permanent Malaria Organisation.	.....	.....	.....	.....	.....
8	Infectious Diseases Hospital.	.....	63,968	.....	.....	63,968
9	Epidemic Medical Officers ...	.....	.....	.....	.....	.....
10	Comprehensive Malaria Control Scheme.	.....	.....	.....	.....	.....
11	Extension of Malaria Organisation.	.....	.....	.....	.....	.....
12	Establishment of Combined Medical and Public Health Units.	.....	.....	.....	.....	.....
13	Public Health Propaganda ...	.....	.....	.....	.....	.....
14	Permanent Plague Organisation.	.....	.....	.....	.....	.....
15	Mobile Hospital Units ...	.....	.....	.....	.....	.....
	Total ...	3,72,833	3,80,269	30,152	.....	7,83,254

IV.

Expenditure under the Public Health Department in during the year 1949-50.

Expenditure.						
8 Pay of officers.	9 Pay of establishment including peons.	10 Allowances and honoraria.	11 Contingencies.	12 Grants-in-aid.	13 Other charges including expenditure on Medical Officers appointed on Malaria duty and inoculation duties and quinine, Training of Sanitary Inspectors. Subsidised Medical Practitioners etc.	14 Total.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
54,321	1,74,556	1,52,510	41,971	3,45,802	5,43,403	13,12,570
9,099	34,047	23,010	19,880	.....	.....	86,036
13,595	58,475	51,732	1,10,951	.....	.....	2,34,753
.....	6,61,374	4,27,239	6,665	37,590	.....	8,32,868
6,489	26,299	23,369	4,608	.....	.....	60,765
70,581	8,75,622	10,57,308	2,00,285	.....	.....	22,03,796
37,613	1,18,163	1,80,213	8,44,924	.....	.....	11,80,913
10,800	23,770	21,859	32,579	.....	.....	89,008
.....	1,03,181	1,01,776	15,457	27,730	.....	2,48,160
17,465	98,365	1,18,111	3,65,951	.....	.....	5,99,892
11,688	21,646	35,322	26,031	.....	.....	94,687
.....	1,00,659	1,12,033	34,779	.....	.....	2,47,471
.....	3,849	3,928	15,871	.....	.....	23,648
258	23,377	22,024	98,414	.....	.....	1,62,073
645	93,029	80,033	28,319	.....	.....	2,02,026
2,40,554	21,16,412	24,20,467	18,46,695	4,11,135	5,43,403	75,78,666

APPENDIX

ANNUAL FORM NO. I.—*Showing the Births registered in the*

1	2	3			4		
Number	Districts.	Estimated Mid-year Population for 1949.			Number of Births registered.		
		Male.	Female.	Total.	Male.	Female.	Total.
1	Bombay City	1,105,011	658,622	1,763,633	29,786	28,294	58,080
	Northern Registration District.						
2	East Khandesh	756,361	730,709	1,487,070	26,267	24,349	50,616
3	West Khandesh	522,846	506,326	1,029,172	20,793	19,426	40,219
4	Surat	1,001,503	978,087	1,979,590	28,659	26,897	55,556
5	Broach	386,680	360,462	747,142	10,649	9,981	20,630
6	Kaira	1,037,803	934,110	1,971,913	23,803	20,656	44,459
7	Panch Mahals	554,250	537,593	1,091,843	11,630	10,598	22,228
8	Ahmedabad	945,207	780,803	1,726,010	27,623	25,437	53,060
9	Banaskanta	387,531	332,705	720,236	2,425	2,139	4,564
10	Sabarkanta	221,348	184,360	405,708	605	516	1,121
	Central Registration District.						
11	Ahmednagar	645,796	624,783	1,270,579	22,445	20,950	43,395
12	Poona	843,263	797,300	1,640,563	26,764	24,742	51,506
13	Nasik	631,437	598,211	1,229,648	23,913	22,421	46,334
14	Thana	590,429	553,615	1,144,124	13,406	12,447	25,853
15	Bombay Suburban ...	142,378	108,422	250,800	4,074	3,857	7,931
16	Kolaba	410,528	442,512	833,040	11,445	10,702	22,147
17	Ratnagiri	775,460	923,646	1,699,106	23,716	21,921	45,637
	Southern Registration District.						
18	Belgaum	820,353	774,894	1,595,247	32,139	29,983	62,122
19	Dharwar	740,390	702,029	1,442,419	30,279	28,673	58,952
20	Bijapur	673,951	649,101	1,323,052	26,808	24,962	51,770
21	Kanara	233,120	227,470	460,590	9,105	8,582	17,687
22	Sholapur	688,156	647,096	1,335,252	26,919	25,118	52,037
23	Satara North	547,613	557,576	1,105,189	21,840	20,845	42,685
24	Satara South	502,299	479,195	981,494	15,916	14,645	30,561
25	Kolhapur	549,332	531,681	1,081,013	22,379	21,246	43,625
	Baroda Registration District.						
26	Baroda	614,679	541,983	1,156,662	14,751	13,611	28,362
27	Mehsana	824,052	797,668	1,621,720	18,175	16,797	34,972
28	Amreli	165,895	157,761	323,656	4,911	4,591	9,502
	Total for the State ...	17,317,671	16,118,800	33,436,471	531,225	494,386	1,025,611

V.

Districts of the Bombay State during the year 1949.

5			6		
Ratio of Births per 1,000 of estimated Population.			Mean Ratio of Births per 1,000 during previous five years.		
Male.	Female.	Total.	Male.	Female.	Total.
16·89	16·04	32·93	16·58	15·77	32·35
17·60	16·45	33·96	18·19	17·01	35·20
20·20	18·87	39·07	20·25	19·09	39·34
14·48	13·58	28·06	17·84	16·92	34·96
16·36	15·35	31·71	18·87	17·79	36·66
12·07	10·47	22·54	18·17	15·85	34·02
10·65	9·70	20·35	15·17	14·06	29·23
16·02	14·73	30·75	17·12	15·72	32·84
3·36	2·97	6·33	.....	.....	.....
1·84	1·48	2·76	.....	.....	.....
17·67	16·49	34·16	18·07	16·87	34·94
16·31	15·08	31·39	15·22	13·96	29·19
19·45	18·23	37·68	18·64	17·31	36·15
11·72	10·87	22·59	11·90	11·10	23·00
16·25	15·38	31·63	13·46	12·78	26·24
13·42	12·54	25·96	17·77	16·08	33·77
13·96	13·07	27·03	14·16	13·21	27·36
20·14	18·80	38·94	16·88	15·92	32·74
20·99	19·87	40·86	17·03	16·36	33·61
20·26	18·87	39·13	18·43	17·93	36·37
19·77	18·63	38·40	15·77	14·94	30·75
20·15	18·81	38·97	20·87	21·19	42·06
19·76	18·86	38·62	17·98	16·84	34·83
16·22	14·92	31·14	.....	.....	.....
20·70	19·65	40·35	.....	.....	..
12·75	11·77	24·52	.....	.....	30·5
11·20	10·36	21·56	.....	.....	31·8
15·17	14·19	29·36	.....	.....	35·5
15·89	14·78	30·67	17·27	16·14	33·41

ANNUAL FORM NO. I (*a*)—*Showing the* STILL-BIRTHS *registered*

BOMBAY STATE

Serial Number.	Districts.	Still-							
		Hindus.		Muslims.		Jains.		Christians.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	Bombay City ...	1,338	1,085	310	242	41	32	91	82
	Northern Registration District.								
2	East Khandesh ...	67	58	3	2	...	...	...	...
3	West Khandesh ...	53	34	...	...	...	...	...	...
4	Surat ...	308	201	36	18	10	6	1	...
5	Broach ...	65	73	36	20	...	2	1	...
6	Kaira ...	49	37	11	10	...	...	1	1
7	Panch Mahals ...	11	6	5	1	2	...	...	...
8	Ahmedabad ...	153	160	73	51	14	12	10	7
9	Banaskantha ...	...	...	...	...	...	...	...	...
10	Sabarkantha ...	...	...	...	...	...	...	...	...
	Central Registration District.								
11	Ahmednagar ...	188	149	20	7	4	3	...	2
12	Poona ...	713	556	31	16	4	5	5	5
13	Nasik ...	89	55	6	5	...	...	1	1
14	Thana ...	62	44	3	2	4	1	3	3
15	Bombay Suburban ...	39	26	2	4	1	...	4	1
16	Kolaba ...	51	36	4	2	...	...	...	...
17	Ratnagiri ...	31	28	...	2	...	...	...	...
	Southern Registration District.								
18	Belgaum ...	380	310	28	17	22	14	1	1
19	Dharwar ...	675	599	77	53	10	8	2	1
20	Bijapur ...	142	130	17	19	...	1	...	...
21	Kanara ...	213	189	11	7	1	...	5	7
22	Sholapur ...	262	186	18	17	2	1	...	3
23	Satara North ...	65	60	5	2	1	1	...	...
24	Satara South ...	100	104	11	...	7	2	2	...
25	Kolhapur ...	175	150	19	16	6	6	...	1
	Baroda Registration District.								
26	Baroda ...	59	34	11	8	2	4	...	...
27	Mehsana ...	14	11	7	3	...	...	...	...
28	Amreli ...	1	2	1	1	...	...	...	...
	Total for the Stase.	5,303	4,323	745	525	131	98	127	115

according to Classes and Sex in the DISTRICTS *of the*
during the year 1949.

BIRTHS.							
Parsis.		Other Classes.		TOTAL.			Percentage ratio to live births.
Male.	Female.	Male.	Female.	Male.	Female.	Total.	
24	18	34	27	1,838	1,486	3,324	5·72
...	...	...	...	70	60	130	·24
...	...	...	...	53	34	87	·22
9	1	...	1	364	227	591	1·06
1	2	...	...	103	97	200	·96
...	...	...	1	61	49	110	·22
...	...	...	...	18	7	25	·11
...	...	...	...	250	230	480	·90
...	...	...	...	...	...	...	·00
...	...	...	...	...	...	...	·00
...	...	...	...	212	161	373	·85
...	...	...	...	753	582	1,335	2·59
...	...	...	...	96	61	157	·33
...	...	...	...	72	50	122	·47
...	...	...	...	46	31	77	·97
...	...	...	...	55	38	93	·41
...	...	...	...	31	30	61	·13
...	...	...	...	431	342	773	1·24
...	...	...	...	764	661	1,425	2·42
...	...	1	...	160	150	310	·60
...	...	...	...	230	203	433	2·45
...	...	...	...	282	207	489	·94
...	...	...	...	71	63	134	·31
...	...	...	...	120	106	226	·74
...	...	...	...	200	173	373	·86
...	...	2	...	74	46	120	·4
...	...	...	...	21	14	35	·1
...	...	...	...	2	3	5	·05
34	21	37	29	6,377	5,111	11,488	1·12

ANNUAL FORM NO. II—*Showing the* DEATHS *during the*

1	2	3	4	5					
Serial Number.	Districts.	Area in square miles.	Average population per square mile.	Number of Deaths registered.			Deaths per		
				Male.	Female.	Total.	Cholera.	Small-pox.	Plague.
1	Bombay City ...	30	58,787	22,246	17,689	39,935	...	·31	·00
	Northern Registration District.								
2	East Khandesh ...	4,544	327	17,918	17,181	35,099	·04	·12	·05
3	West Khandesh ...	4,560	225	13,279	12,806	26,085	·39	·13	·24
4	Surat	4,330	457	15,241	14,257	29,498	·03	·09	...
5	Broach	2,970	251	7,833	7,909	15,742	...	·34	...
6	Kaira	2,281	864	17,363	16,218	33,581	·00	·13	·00
7	Panch Mahals ...	3,379	323	7,872	7,918	15,790	·00	·11	...
8	Ahmedabad... ...	4,961	347	20,066	19,769	39,835	...	·65	...
9	Banaskantha ...	4,755	151	1,550	1,373	2,923	...	·07	...
10	Sabarkantha ...	2,074	195	385	367	752	...	·02	...
	Central Registration District.								
11	Ahmednagar ...	6,350	200	14,788	14,070	28,858	·16	·32	·09
12	Poona	6,079	270	16,309	15,432	31,741	·02	·27	·16
13	Nasik	6,058	203	16,302	15,116	31,418	·43	·24	·05
14	Thana	3,383	338	9,823	8,719	18,542	·09	·30	...
15	Bombay Suburban ...	53	4,732	2,261	2,135	4,396	·01	·40	...
16	Kolaba	2,603	328	4,316	9,055	18,371	·09	·15	·01
17	Ratnagiri ...	4,863	349	14,939	15,166	30,105	·02	·18	...
	Southern Registration District.								
18	Belgaum	5,285	302	14,893	14,312	29,205	·05	·02	·004
19	Dharwar	5,256	274	14,783	13,937	28,720	·01	·08	·01
20	Bijapur	6,761	196	15,459	14,482	29,941	·01	·11	·02
21	Kanara	3,676	128	3,933	3,595	7,528	·004	·03	1
22	Sholapur	5,307	252	17,670	17,198	34,868	·19	·17	·04
23	Satara North ...	4,024	274	11,695	11,218	22,913	·21	·22	·24
24	Satara North ...	2,742	357	8,657	8,449	17,106	·14	·11	...
25	Kolhapur ...	2,510	431	11,465	11,104	22,569	·09	·02	·002
	Baroda Registration Division.								
26	Baroda	2,912	396	9,511	8,956	18,467	...	·4	...
27	Mehsana	3,990	406	12,581	11,345	23,926	·00	·1	...
28	Amreli	1,799	179	3,179	2,797	5,976	...	·4	...
	Total for the State.	107,535	310	331,317	312,573	643,890	·07	·20	·03

registered in the DISTRICTS *of the* BOMBAY STATE

year 1949.

6								7		
1,000 OF ESTIMATED POPULATION FROM								MEAN RATIO OF DEATHS PER 1,000 DURING PREVIOUS FIVE YEARS.		
Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Injuries.	All other causes.	All Causes.					
					Male.	Female.	Total.	Male.	Female.	Total.
1·22	·89	7·35	·68	12·15	20·13	26·85	22·64	20·99	28·86	23·71
12·14	·56	3·67	·11	7·49	24·84	23·52	24·18	28·56	29·86	29·49
10·91	·29	3·62	·13	9·65	25·40	25·29	25·36	29·51	30·25	29·78
8·07	·31	1·75	·15	4·50	15·22	14·58	14·90	23·54	22·26	23·00
13·89	·20	1·56	·10	5·14	20·31	21·94	21·23	28·84	29·98	29·42
8·30	·37	2·67	·10	5·45	16·73	17·36	17·02	25·74	25·83	25·78
10·73	·10	1·13	·08	2·30	14·20	14·72	14·46	19·56	8·92	19·26
13·51	·43	2·62	...	...	21·22	25·31	23·07	23·70	26·67	25·06
3·48	·00	·13	·03	·34	4·00	4·12	4·05	...	...	...
1·63	·01	·06	·01	·12	1·73	1·99	1·85	...	...	...
5·07	1·06	5·98	·24	9·79	22·90	22·52	22·71	23·91	23·34	23·62
6·17	1·07	4·07	·30	7·28	19·34	19·35	19·34	23·07	22·95	23·01
8·48	·70	3·68	·23	11·74	25·82	25·27	25·55	27·41	27·44	27·43
6·64	·45	2·99	·38	5·35	16·63	15·74	16·20	16·49	15·20	15·86
4·22	1·26	4·58	·10	6·97	15·89	19·69	17·53	14·29	16·81	15·33
10·46	·84	3·69	·21	6·07	22·69	20·46	21·33	23·22	22·37	22·57
5·60	·23	4·22	·15	7·50	19·26	16·41	17·78	29·90	18·17	19·96
5·15	1·50	2·88	·30	8·42	18·15	18·47	18·31	24·25	24·34	24·39
7·21	·49	2·88	·32	8·91	19·97	19·85	19·91	27·11	26·74	26·92
9·48	1·03	3·61	·45	7·93	22·94	22·33	22·63	25·03	25·17	25·58
4·38	·99	1·83	·37	8·73	16·87	15·80	16·34	23·57	22·86	23·25
8·35	·97	3·15	·30	12·93	25·68	26·58	26·11	29·10	29·79	29·32
7·59	·88	2·18	·33	9·09	21·36	20 12	20·73	24·45	24·00	24·24
5·76	1·14	2·24	·36	7·69	17·23	17·63	17·43	...	...	...
8·21	1·60	3·41	·33	7·21	20·87	20·88	20·88	...	...	...
13·6	·1	·6	·01	·9	15·4	16·5	16·9	...	...	...
13·4	·1	·2	·01	·5	15·2	14·2	14·7	...	...	...
15·1	·5	·4	·1	1·1	19·1	17·7	18·2	...	...	...
8·26	·65	2·98	·23	6·83	19·13	19·39	19·25	24·13	24·44	24·30

ANNUAL FORM No. III.—DEATHS *registered in the* DIS
during each month

1	2	3				
Number.	Districts.	January.	February.	March.	April.	May.
	A.—DISTRICTS (EXCLUDING TOWNS).					
	Northern Registration District.					
1	East Khándesh	2,286	2,173	26,43	2,541	2,260
2	West Khándesh	2,257	2,107	2,226	1,892	1,444
3	Surat	1,775	1,601	1,855	1,692	1,621
4	Broach	658	592	925	1,006	872
5	Kaira	1,634	1,661	2,135	1,933	2,115
6	Panch Maháls	1,105	1,195	1,494	1,519	1,186
7	Ahmedabad	1,375	1,185	1,270	1,238	1,017
8	Banaskantha	102	103	233	373	311
9	Sabarkantha	.....	.....	.....	22	44
	Central Registration District.					
10	Ahmednagar	1,830	1,428	1,710	1,789	2,033
11	Poona	1,625	1,488	1,449	1,478	1,567
12	Násik	2,298	1,896	1,953	2,109	1,864
13	Thána	1,488	1,477	1,483	1,332	1,222
14	Bombay Suburban	37	29	82	40	83
15	Kolaba	1,396	1,512	1,549	1,290	1,215
16	Ratnágiri	2,509	2,699	2,611	2,284	2,003
	Southern Registration District.					
17	Belgaum	1,948	1,684	1,774	1,775	1,958
18	Dhárwár	1,853	1,637	1,981	1,969	1,936
19	Bijápur	2,026	1,811	1,823	1,727	1,769
20	Kánara	656	553	487	386	407
21	Sholápur	1,734	1,399	1,538	1,455	1,423
22	Sátára North	15,94	1,341	1,469	1,566	1,605
23	Satara South	1,058	940	874	935	878
24	Kolhapur	1,116	1,107	1,324	1,322	1,455
	Baroda Registration District.					
25	Baroda	1,225	1,220	1,953	1,659	1,441
26	Mehsana	1,747	2,002	2,272	1,874	1,666
27	Amreli	433	433	569	535	420
	Total for Districts ...	37,765	35,273	39,682	37,741	35,815
	*Ratio per mille of population...	16·99	17·48	17·85	17·50	16·11

* The ratios are calculated with

TRICTS (*Rural Circles*) *and in the* TOWNS *of the* BOMBAY STATE *of the year 1949.*

							4	5
June.	July.	August.	September.	October.	November.	December.	Total deaths registered during the year.	Number.
1,572	1,684	2,383	2,478	2,190	2,931	2,443	27,584	1
1,465	1,728	2,259	1,937	1,601	2,407	1,832	23,155	2
1,656	1,349	1,622	1,889	1,933	2,672	2397	22,042	3
947	947	1,193	1,503	1,371	1,706	1,470	13,190	4
1,966	1,947	2,613	2,998	2,647	2,301	1,797	25,747	5
1,223	851	1.398	1,325	1,337	1,175	770	14,578	6
966	913	1,337	1,650	1,377	1.362	1,182	14,872	7
128	196	232	301	227	339	371	2,196	8
48	48	64	130	38	159	136	689	9
2,099	2,351	2,467	2,301	2,554	3,142	2,729	26,433	10
1,733	1,882	1,991	2,147	2,009	2,304	2,109	21,782	11
2,181	2,606	2,442	2,216	2,136	2,612	2,254	26,567	12
1,031	1,254	1.479	1,578	1,192	1,257	1,417	16,210	13
74	24	39	33	8	102	24	575	14
1,104	1,522	1,637	1,521	1,227	1,394	1,668	17,035	15
2,247	2,333	2,296	2,301	2,270	2,488	2,634	28,675	16
2,000	2,317	2,298	2,474	2,414	3,019	2,438	26,099	17
1,742	1,684	1,840	1,789	1,767	1,887	2,048	22,133	18
1,765	2,039	2,229	2,116	2,234	3,185	2,778	25,502	19
424	583	577	585	545	639	664	6,507	20
1,475	1,882	1,995	2,136	2,525	3,914	2,991	24,467	21
1,655	1,670	1,881	2,164	2,171	1,987	1,817	20,920	22
933	1,021	1,232	1,338	1,693	1,939	1,606	14,447	23
1,472	1,688	1,606	1,824	1,982	2,156	1,837	18,889	24
1,380	1,189	1,582	1697,	1,589	1,919	1,613	18,467	25
1,716	1,476	1,882	2,713	2,327	2,275	1,976	23,926	26
428	411	490	620	572	595	470	5,976	27
35,430	37,595	43,064	45,765	43,936	51,866	45,451	4,89,383	
16·42	16·91	19·37	21·22	19·77	24·05	20·45	18·66	

reference to the number of days in each month.

1	2	3				
Number.	Towns.	January.	February.	March.	April.	May.
	B.—TOWNS.					
1	Bombay City	32,16	3,064	3,530	3,593	3,589
	East Khandesh District.					
2	Jalgaon	83	62	113	134	101
3	Nasirabad	22	21	24	25	27
4	Asoda	13	9	8	15	16
5	Yawal	17	18	35	19	28
6	Faizpur	13	14	20	27	30
7	Erandol	71	32	22	21	28
8	Dharangaon	37	25	31	40	43
9	Kasoda	16	18	21	21	21
10	Amalner	42	38	50	60	50
11	Parola	35	31	52	29	32
12	Chalisgaon	43	31	91	63	59
13	Pachora	17	16	17	8	21
14	Nagardevla	...	11	16	6	7
15	Bhadgaon	12	20	22	22	26
16	Chopda	23	20	41	30	29
17	Adawad	4	7	10	17	8
18	Raver	19	11	15	19	16
19	Savada	11	20	13	14	19
20	Bhusawal	57	44	71	86	76
21	Varangaon	8	11	13	17	17
22	Bodvad	8	10	10	15	12
23	Jamner	8	...	13	18	20
24	Shendurni	25	19	20	29	23
	West Khandesh District.					
25	Dhulia	119	97	94	124	129
26	Nandurbar	57	32	47	43	45
27	Shindkheda	18	24	17	17	10
28	Betawad	13	16	12	8	5
29	Shirpur	16	23	22	5	23
30	Shahada	18	13	17	34	8
31	Taloda	27	23	27	18	17
32	Nawapur	18	7	7	10	9

No. III—*contd.*

							4	5
June.	July.	August.	September.	October.	November.	December.	Total deaths registered during the year.	Number.
3,342	3,608	3,680	3,179	3,254	3,044	2,836	39,935	1
74	73	97	97	76	97	78	1,085	2
34	28	37	23	37	38	25	341	3
19	7	14	26	14	12	8	161	4
10	18	17	5	15	14	18	214	5
13	16	15	15	19	22	19	223	6
21	15	41	34	26	41	31	383	7
26	35	54	41	35	41	30	438	8
17	17	14	15	20	17	20	217	9
50	48	69	71	50	53	67	648	10
25	34	37	47	35	34	35	426	11
50	48	49	56	56	48	44	637	12
9	18	22	20	13	21	18	200	13
10	9	7	13	9	13	9	110	14
13	16	15	23	30	31	15	245	15
17	17	41	29	17	28	25	317	16
4	5	7	7	6	8	9	92	17
15	19	18	18	10	13	15	188	18
19	11	14	21	12	11	13	178	19
49	50	45	51	60	55	63	707	20
15	6	9	15	18	12	11	152	21
13	8	9	10	11	19	11	136	22
10	22	13	22	9	26	13	174	23
16	17	26	18	15	16	19	243	24
80	87	106	107	94	118	109	1,264	25
41	34	60	28	31	41	43	502	26
10	5	13	15	27	19	11	186	27
5	16	34	12	20	15	14	170	28
11	12	9	6	7	5	11	150	29
8	70	40	29	18	23	10	288	30
13	16	33	17	13	14	21	239	31
11	18	13	7	9	11	11	131	32

1	2	3				
Number.	Towns.	January.	February.	March.	April.	May.
	B.—TOWNS—*contd.*					
	Surat District.					
33	Surat	402	466	454	422	464
34	Rander	17	24	31	19	35
35	Bardoli	9	15	3	6	4
36	Bulsar	30	28	24	21	27
37	Pardi	3	11	5	4	6
38	Bansda	.....	.....	1	5	2
39	Gandevi	28	33	25	17	27
40	Bilimora	.....	.....	.....	.....	.....
41	Vyara	10	7	8	8	9
42	Kathora	25	20	13	6	21
43	Variav	.....	.....	.....	.....	.....
44	Sangadh	4	3	2	6	2
45	Navsari	52	49	43	50	51
46	Dharampur	.....	3	5	13	.....
	Broach District.					
47	Broach	151	117	142	112	119
48	Amod	7	6	1	6	4
49	Jambusar	29	37	47	47	25
50	Ankleshwar	23	23	31	19	23
51	Hansot	3	5	7	8	8
52	Raj Pipla	.....	.....	.....	.....	not
	Kaira District.					
53	Kaira	20	41	38	15	16
54	Mehmedabad	11	20	26	25	25
55	Nadiad	121	116	150	165	172
56	Mahudha	18	18	27	26	18
57	Borsad	30	47	51	53	42
58	Anand	51	37	49	61	56
59	Umreth	39	51	97	66	44
60	Dakore	48	58	30	32	31
61	Kapadvanj	43	26	43	41	35
62	Matar	6	1	5	9	16
63	Petlad	82	103	167	143	130
64	Sojitra	.....	.....	.....	.....	.....
65	Vaso	.....	.....	.....	.....	.....
66	Dharamj	.....	.....	.....	.....	.....
67	Bhadrau	7	6	13	9	20
68	Atarsumba	7	2	7	4	11
69	Balasinor	.....	.....	.....	.....	46
70	Cambay	.....	.....	.....	.....	.....
	Panch Mahals District.					
71	Godhra	25	28	44	52	35
72	Dohad	48	39	38	50	31
73	Jhalod	19	11	13	7	7
74	Kalol	5	6	14	8	5
75	Halol	4	4	9	8	5
76	Sanje i	.....	.....	.....	.....	not
77	Baria	.....	.....	.....	.....	
78	Shantrapuram	.....	.....	.....	.....	
79	Lunawada	.....	.....	.....	.....	

No. III—*contd.*

							4	1
June.	July.	August.	September.	October.	November.	December.	Total deaths registered during the year	Number.
403	398	503	468	428	398	413	5,219	33
30	37	22	40	23	24	14	316	34
5	9	8	13	17	27	14	130	35
26	20	19	24	23	21	33	296	36
9	12	10	16	9	17	15	117	37
1	.....	8	2	3	2	6	30	38
15	16	23	13	10	35	46	288	39
.....	.....	.....	.....	.....	.....	...	.....	40
9	6	11	7	11	15	22	123	41
17	22	22	7	12	14	15	194	42
.....	.....	.....	.....	.....	.....	...	.....	43
.....	5	5	8	8	9	7	59	44
52	52	67	51	66	52	45	630	45
6	2	4	2	1	6	12	54	46
92	.....	188	180	147	162	135	1,545	47
7	6	5	11	6	18	13	90	48
26	20	31	52	44	68	67	483	49
22	26	36	41	28	35	25	332	50
20	8	11	11	7	8	6	102	51
received.	.....	.....	.....	.....	.....	.....	.....	52
18	16	13	21	11	10	16	235	53
21	21	31	31	23	28	22	284	54
166	137	222	217	140	131	109	1,846	55
23	25	45	39	34	26	29	328	56
45	75	76	67	54	61	51	652	57
68	62	73	92	64	67	46	726	58
40	36	61	60	52	48	39	633	59
15	20	38	39	31	18	30	390	60
45	34	53	49	32	46	33	480	61
8	7	13	15	7	11	.....	98	62
133	148	134	28	90	97	147	1,402	63
.....	.....	.....	.....	.....	.....	.....	.....	64
.....	.....	.....	.....	.....	.....	.....	.....	65
.....	.....	.....	.....	.....	.....	.....	.....	66
7	13	12	9	8	6	13	123	67
3	4	3	12	5	10	.....	68	68
31	28	54	39	32	25	29	284	69
.....	.....	.....	110	83	92	.....	285	70
38	44	56	40	43	34	35	474	71
29	40	30	57	35	31	28	456	72
10	6	11	14	6	7	4	115	73
10	8	7	10	9	12	7	101	74
3	2	7	8	2	4	10	66	75
		.....	.....	.....	.....	.....	.....	76
		.....	.....	.....	.....	.....	.....	77
received.		.....	.....	.....	.....	.....	.....	78
		.....	.....	.....	.....	.....	.....	79

1	2	3				
Number.	Towns.	January.	February.	March.	April.	May.
	B.—TOWNS—*contd.*					
	Ahmedabad District.					
80	Ahmedabad	1,937	2,222	1,990	1,560	1,753
81	Dhandhuka	41	32	34	22	26
82	Dholera	14	12	8	6	4
83	Ranpur	17	23	42	24	11
84	Sanand	10	9	28	22	30
85	Viramgaum	59	59	98	69	75
86	Mandol	9	14	18	10	9
87	Patdi	14	11	11	12	14
88	Prantij	21	16	27	22	24
89	Modasa	26	25	17	21	14
90	Dholka	38	24	62	48	48
91	Ahmedabad Cantonment ...	2	4	1	4	4
92	Dehgam	119	20	14	15	13
	Banaskantha District.					
93	Palanpur	.....	.....	.....	.....	.....
94	Deesa	.....	.....	.....	.....	.....
	Sabarkantha District.					
95	Himatnagar	.....	.....	.....	.....	.....
96	Jelur	.....	.....	.....	.....	.....
97	Vadali	.....	.....	.....	10	11
	Ahmednagar District.					
98	Ahmednagar ...	74	72	117	72	79
99	Ahmednagar Cantonment ...	22	19	23	26	14
100	Kopargaon	14	14	22	27	36
101	Pathardi	7	7	12	11	4
102	Sangamner ...	6	12	18	10	11
103	Shrirampur	27	13	17	18	12
104	Shrigonda	11	9	14	5	7
	Poona District.					
105	Poona City	609	529	599	586	566
106	Poona Suburban	42	32	28	31	43
107	Junnar	4	12	10	2	7
108	Baramati	18	12	20	32	23
109	Lonavala, including Khandala...	14	22	24	16	11
110	Poona Cantonment	60	37	48	39	20
111	Kirkee do.	50	47	32	43	48
112	Alandi	3	1	9	9	8
113	Indapur	2	5	2	2	.....
114	Jejuri	5	4	4	8	7
115	Saswad	10	7	5	3	3
116	Sirur	6	3	9	3	2
117	Talegaon Dabhade	3	1	10	11	8
118	Dhond	14	18	9	10	9
119	Bhor	10	17	8	11	14

No. III—*contd.*

							4	5
June.	July.	August.	September.	October.	November.	December.	Total deaths registered during the year.	Number.
1,176	1,224	2,244	2,203	1,749	1,778	1,572	21,408	80
23	32	39	27	32	.....	41	349	81
8	8	6	5	18	12	...	101	82
6	14	25	22	.....	20	22	226	83
18	14	18	13	19	10	15	206	84
56	54	89	94	83	88	81	905	85
8	3	9	19	22	24	16	161	86
10	10	27	16	13	21	18	177	87
21	13	23	20	20	22	23	252	88
18	25	26	25	.....	.....	33	230	89
52	44	67	49	47	49	45	573	90
3	3	3	6	1	3	1	35	91
18	21	34	36	14	21	15	340	92
.....	.....	.....	.....	.....	.....	.....	.....	93
.....	.....	.....	.....	.....	7	.....	7	94
.....	.....	.....	.....	.....	.....	... ...	.. ...	95
.....	.....	.....	.....	.....	.....	.....	.....	96
6	8	7	7	13	.....	.....	63	97
91	126	124	88	124	147	159	1,273	98
18	17	16	31	28	33	36	283	99
16	65	39	8	18	12	20	291	100
7	11	6	4	12	7	13	101	101
4	10	18	23	5	6	14	137	102
26	28	19	11	10	10	18	209	103
12	11	13	11	11	16	11	131	104
564	581	667	659	552	588	554	7,054	105
53	49	59	41	51	45	45	519	106
6	9	4	11	11	7	16	99	107
27	19	15	17	25	23	22	253	108
19	28	14	32	15	25	28	248	109
32	42	29	45	44	38	40	474	110
36	39	50	32	51	40	44	512	111
8	6	4	3	4	11	2	68	112
6	6	4	10	8	17	6	68	113
4	2	2	3	3	9	3	54	114
8	11	11	7	14	12	6	97	115
3	7	5	3	11	8	5	65	116
7	10	9	12	8	9	7	95	117
13	5	42	13	18	14	21	186	118
9	13	19	18	17	17	14	167	119

1	2	3				
Number.	Towns.	January.	February.	March.	April.	May.
	B.—TOWNS—*contd.*					
	Nasik District.					
120	Nasik	162	160	172	313	176
121	Bhagur	18	9	3	10	11
122	Trimbak	8	8	10	7	9
123	Sinnar	13	21	15	14	25
124	Igatpuri	17	5	18	7	16
125	Manmad	19	6	6	14	12
126	Nandgaon	9	20	6	13	2
127	Yeola	41	38	52	56	52
128	Malegaon	74	75	182	16	172
129	Deolali Cantonment	8	7	12	7	6
	Thana District.					
130	Bassein	14	23	19	15	22
131	Bhiwandi	14	16	15	33	30
132	Thana	57	49	72	55	76
133	Kalyan	30	31	39	40	45
134	Palghar	3	7	5	4	2
135	Malad	41	41	39	49	52
136	Jawhar	1	2	2	3	1
	Bombay Suburban District.					
137	Ghatkopar-Kirol ...	49	58	63	69	56
138	Kurla	51	57	70	70	63
139	Juhu	3	5	5	5	4
140	Vile Parle and Andheri ...	23	26	52	35	42
141	Bandra	123	133	153	151	178
	Kolaba District.					
142	Alibag	9	10	12	10	10
143	Pen	10	14	9	14	6
144	Roha	9	4	6	12	19
145	Mahad	10	9	10	7	11
146	Panvel	6	18	19	16	15
147	Uran	8	9	8	13	7
148	Matheran	8	2	3	10	7
149	Murud	7	11	13	14	13
150	Shreewardhan	10	12	11	6	10
151	Mhasale	3	5	6	4	4

No. III—*contd.*

							4	1
June.	July.	August.	September.	October.	November.	December.	Total deaths registered during the year.	Number.
107	272	157	164	57	113	176	2,029	120
18	15	13	9	7	14	10	137	121
5	5	9	10	8	11	7	97	122
17	31	19	18	17	18	15	223	123
9	30	20	17	19	13	17	188	124
16	19	10	15	13	18	11	159	125
5	6	8	11	7	7	11	105	126
67	56	57	37	43	67	44	610	127
176	85	69	68	107	75	53	1,152	128
8	8	7	28	2	50	8	151	129
22	11	6	10	5	4	11	162	130
20	33	23	10	21	13	11	239	131
60	38	105	73	72	82	54	793	132
38	59	38	41	43	24	54	482	133
.....	7	2	3	6	4	10	53	134
42	45	63	42	47	53	57	571	135
4	9	2	4	.....	3	1	32	136
63	85	71	48	57	63	61	743	137
63	68	94	73	60	64	54	787	138
3	8	5	7	3	1	3	52	139
38	39	49	39	37	44	32	456	140
148	174	80	155	177	153	158	1,783	141
10	12	7	5	10	7	5	107	142
8	8	9	11	14	11	5	119	143
16	13	13	13	9	17	8	129	144
11	9	10	20	13	19	5	134	145
27	20	27	30	17	24	11	230	146
11	12	11	30	9	7	9	134	147
7	11	10	19	7	6	3	95	148
14	15	20	25	6	19	19	176	149
8	15	17	12	14	19	18	152	150
7	9	6	3	5	2	6	60	151

1	2					3
Number	Towns.	January.	February.	March.	April.	May.
	B.—TOWNS—*contd.*					
	Ratnagiri District.					
152	Ratnagiri	48	34	28	33	36
153	Vengurla	18	12	15	25	12
154	Malwan	11	30	29	24	21
155	Chiplun	32	13	22	21	17
156	Rajapur	23	9	13	5	10
	Belgaum District.					
157	Belgaum	81	92	94	88	103
158	Gokak	23	19	19	22	19
159	Athani	19	28	15	20	18
160	Nipani	44	31	25	31	35
161	Bail-Hongal	15	7	18	13	15
162	Chikodi	16	17	21	11	21
163	Khanapur	4	1	1	5	5
164	Soundatti Yellamma ...	10	9	7	8	10
165	Shapur	14	11	10	15	19
166	Katkol	17	7	4	16	8
167	Belgaum Cantonment ...	9	10	13	3	14
	Dharwar District.					
168	Dharwar	72	44	51	84	72
169	Hubli	125	88	135	113	131
170	Gadag-Bettigeri	110	101	129	145	119
171	Ranebennur	24	28	30	19	25
172	Nawalgund	22	15	8	13	13
173	Annigeri	17	13	15	20	24
174	Bankapur	6	8	13	8	10
175	Byadgi	12	6	8	22	14
176	Hangal	10	13	10	11	5
177	Haveri	26	19	15	16	14
178	Nargund	20	12	15	14	15
179	Ron	13	15	21	16	13
180	Shiggaon	8	4	12	8	14
181	Tuminkatti	11	4	6	5	3
182	Shirhath	6	8	11	12	10
183	Laxmeshwar	21	10	17	17	7
184	Kundgol	12	7	9	16	10
185	Sanshi	6	9	4	5	12
186	Kamadli	9	10	7	7	9
187	Gudgeri	3	5	3	7	5
188	Siggali	7	3	6	9	6
189	Savanur	20	15	14	9	15

No. III—*contd.*

June.	July.	August.	September.	October.	November.	December.	4 Total deaths registered during the year.	1 Number.
20	36	46	29	29	17	37	393	152
20	19	81	21	7	24	28	282	153
32	59	31	34	36	29	39	375	154
22	22	21	21	18	20	13	242	155
6	11	18	11	17	5	9	138	156
95	93	115	117	98	90	101	1,167	157
21	24	35	19	30	30	21	282	158
14	19	22	23	21	29	21	249	159
31	38	39	31	43	36	39	243	160
15	23	16	20	19	25	8	194	161
14	19	16	12	17	17	8	189	162
7	2	9	6	4	5	5	54	163
18	23	9	12	5	18	16	148	164
13	14	14	28	14	16	17	183	165
7	6	6	7	10	9	16	113	166
3	13	6	9	12	4	11	107	167
87	68	66	89	71	76	61	838	168
118	123	140	89	126	144	143	1,475	169
114	114	113	89	114	99	107	1,354	170
24	31	37	27	28	30	32	335	171
15	19	11	9	13	15	12	165	172
9	22	20	16	21	19	19	215	173
8	9	18	10	7	11	17	125	174
19	15	16	16	16	27	28	199	175
3	14	9	11	5	12	9	112	176
20	15	10	19	11	11	18	194	177
11	12	13	26	24	19	26	207	178
24	31	9	25	12	12	12	203	179
3	5	9	10	7	7	12	99	180
14	14	5	5	7	8	6	88	181
4	11	8	9	7	9	12	107	182
12	22	8	18	11	14	23	180	183
15	12	14	9	11	14	10	139	184
6	12	8	6	6	13	10	97	185
10	11	8	10	2	9	9	101	186
9	10	11	6	8	5	9	81	187
6	7	2	3	7	10	10	76	188
5	72	7	21	19	31	29	197	189

1	2					
Number.	Towns.	January.	February.	March.	April.	May.
	B.—TOWNS—*contd.*					
	Bijapur District.					
190	Bijapur	81	55	56	64	53
191	Bagalkot	45	40	41	38	36
192	Guledgud	33	27	38	30	47
193	Ilkal	41	42	41	56	49
194	Bilgi	5	8	6	5	3
195	Hungund	14	6	16	15	16
196	Kerur	36	11	17	9	12
197	Talikot	22	10	11	21	15
198	Bomahath	25	45	14	16	11
199	Hunner	4	6	5	5	9
200	Jamakhandi	23	27	21	28	10
201	Savalgi	8	4	6	3	8
202	Teradal	10	9	13	5	9
203	Ravakari	11	11	10	8	5
204	Mudhol	11	8	13	6	5
205	Mahalingapur	9	7	11	15	5
206	Lokapur	2	1	1	4	.....
207	Ramdurg	23	14	29	18	19
	Kanara District.					
208	Karwar	16	22	20	16	1
209	Kumta	9	7	16	6	1
210	Gokarn ...	8	4	9	12	
211	Honawar	12	2	7	7	1
212	Bhatkal	20	14	15	8	1
213	Halyal	11	9	3	3	
214	Sirsi	21	22	17	13	1
	Sholapur District.					
215	Sholapur	642	499	544	574	48
216	Barsi	87	105	118	101	10
217	Pandharpur	104	94	102	130	8
218	Karkamb	14	13	11	19	1
219	Karmala	17	19	16	13	1
220	Kurudwadi	28	19	17	14	1
221	Mohol	17	7	12	12	
222	Songola	12	14	20	11	1
223	Vairag	5	5	2	12	
224	Mangalwedha	15	19	13	7	5
225	Manidargi	5	17	17	16	
226	Dudhavi	.....	.....	.....	.....	.....
	Satara North.					
227	Satara	76	49	63	52	
228	Wai	24	19	26	28	
229	Karad	14	13	12	23	
230	Mahableshwar	6	3	4	9	
231	Mhaswad	17	10	6	9	
232	Panchagani	2	5	2	1	
233	Rahimatpur	12	10	11	10	
234	Phaltan	16	11	20	29	
235	Aundh	8	3	7	12	

No. III—*contd.*

June.	July.	August.	September.	October.	November.	December.	4 Total deaths registered during the year.	1 Number.
61	70	85	75	89	100	85	874	190
34	41	51	43	39	46	78	532	191
33	42	38	38	28	43	39	436	192
40	59	54	38	42	41	31	534	193
6	7	10	8	12	13	10	33	194
14	15	12	10	18	12	15	163	195
16	11	16	14	14	13	20	189	196
12	13	22	22	20	14	16	198	197
18	17	12	20	18	21	21	238	198
2	9	4	7	6	7	7	71	199
14	18	16	24	23	33	22	259	200
8	6	7	6	15	11	14	96	201
6	8	14	20	15	20	10	139	202
10	9	16	15	13	14	19	141	203
8	15	10	9	13	17	11	126	204
.....	.....	6	6	13	19	8	99	205
2	2	3	3	2	2	5	27	206
8	15	15	20	19	25	19	224	207
18	17	15	16	17	26	11	209	208
14	20	14	5	18	14	18	151	209
4	10	9	11	4	7	...	80	210
3	13	11	8	9	21	11	114	211
15	16	16	16	10	17	12	171	212
2	5	7	5	9	4	8	72	213
17	15	20	23	17	18	30	224	214
404	468	526	540	524	613	556	6,371	215
72	76	97	108	138	110	116	1,230	216
104	117	102	95	132	169	122	1,355	217
15	14	12	17	18	40	6	192	218
11	20	22	15	17	23	20	204	219
6	19	19	20	26	32	38	254	220
14	8	13	7	4	11	5	118	221
6	7	10	9	16	25	10	154	222
5	8	13	10	16	6	12	100	223
10	16	15	25	19	25	33	215	224
6	12	11	12	10	18	17	157	225
.....	11	9	10	7	6	8	51	226
60	78	62	61	63	53	59	751	227
25	24	35	32	29	24	20	313	228
25	18	14	29	19	18	23	223	229
3	2	3	2	8	5	2	55	230
5	14	18	12	9	25	14	146	231
5	1	5	4	6	4	4	41	232
10	11	11	14	6	17	3	127	233
26	28	18	27	22	29	13	266	234
6	5	7	7	5	5	2	71	235

1	2	3				
Number.	Towns.	January.	February.	March.	April.	May.
	B.—TOWNS—*concld.*					
	Satara South.					
236	Kuran lwad	4	16	11	10	14
237	Bhud aon	5	7	3	7	7
238	Deshing	9	1	6	4	8
239	Kawathe Piran	6	4	4	3	1
240	Malgaon	5	7	10	12	2
241	Miraj	75	58	71	59	59
242	Sangli	65	50	55	48	63
243	Tasgaon	17	14	12	9	6
244	Islampur	8	7	5	10	9
245	Ashta	.....	9	8	4	13
246	Jath	15	9	17	9	12
247	Vita	13	10	6	8	11
	Kolhapur District.					
248	Gadinglaj	9	7	8	4	5
249	Hatkanagale	7	6	2	3	6
250	Ichalkaranji	16	10	20	14	15
251	Kagal	17	14	12	16	14
252	Kodali	2	1	15	7	6
253	Kolhapur	213	188	178	211	243
254	Kapasi	6	.....	6	3	3
255	Malkapur	1	1	5	9	3
256	Murgud	2	4	3	4	11
257	Narsobawadi	7	1	1	.....	3
258	Shirol	6	6	5	5	4
259	Vadagaon	5	9	10	8	15
	Total for Towns ...	12,717	12,054	13,466	12,918	13,005
	Ratio per mile for Towns ...	20·80	21·63	22·02	21·77	21·27
	Total for the Province ...	50,482	47,327	53,148	50,659	48,820
	atio per mile for the Province.	17·81	18·40	18·75	18·42	17·22

No. III—*concld.*

June.	July.	August.	September.	October.	November.	December.	Total deaths registered during the year.	Number.
							4	1
11	16	12	11	11	14	13	143	236
6	5	5	9	12	9	9	84	237
6	8	4	3	10	19	8	86	238
10	7	6	8	5	11	10	75	239
5	6	9	14	7	13	8	98	240
75	69	50	68	65	59	51	759	241
41	56	46	64	63	69	68	688	242
18	10	22	24	17	26	19	194	243
8	10	11	13	6	14	16	117	244
11	10	12	16	16	17	11	127	245
13	10	11	7	7	17	16	143	246
7	17	20	16	9	15	13	145	247
10	13	13	6	7	12	6	100	248
2	10	8	7	9	10	10	80	249
16	13	10	29	28	32	38	24	250
22	18	15	16	16	13	7	180	251
12	12	10	11	17	17	10	120	252
206	191	217	189	220	230	206	2,492	253
3	5	7	5	5	8	7	58	254
3	3	1	3	4	6	8	47	255
8	16	15	13	18	14	7	115	256
1	2	6	4	6	6	2	59	257
11	5	10	7	12	12	5	88	258
10	12	10	7	10	12	12	120	259
11,517	12,504	14,454	13,643	12,723	13,239	12,267	154,507	
19·41	20·45	23·64	23·00	20·81	22·19	20·06	21·42	
46,947	50,099	57,518	59,408	56,659	65,105	57,718	643,890	
17·07	17·68	20·29	21·60	19·99	23·67	20·36	19·25	

ANNUAL FORM No. IV.—DEATHS *registered according to* AGE *in the during the*

No.	Disticts and Towns.	Under one						
		Not exceeding one month.						Total.
		Male.			Female.			
		Under one week.	Over one week.	Total.	Under one week.	Over one week.	Total	
1	2	3	4	5	6	7	8	9
	A—DISTRICTS (EXCLUDING TOWNS).							
	Northern Registration District.							
1	East Khándesh	1,169	476	1,645	1,007	402	1,409	3,054
2	West Khándesh	609	537	1,146	505	461	966	2,112
3	Surat	506	391	897	453	319	772	1,669
4	Broach	276	291	567	261	218	479	1,046
5	Kaira	272	333	605	246	313	559	1,164
6	Panch Mahále	143	209	352	138	180	318	670
7	Ahmedabad	171	203	374	122	169	291	665
8	Banaskanta	52	29	81	34	30	64	145
9	Sabarkanta	12	6	18	11	8	19	37
	Central Registration District.							
10	Ahmednagar	870	563	1,433	691	431	1,122	2,535
11	Poona	602	325	927	451	239	690	1,617
12	Násik	577	462	1,039	369	394	763	1,802
13	Thana	291	281	572	228	256	484	1,056
14	Bombay Suburban	5	3	8	8	6	14	22
15	Kolába	342	251	593	248	201	449	1,042
16	Ratnágiri	451	436	887	377	349	726	1,613
	Southern Registration District.							
17	Belgaum	1,070	439	1,509	809	345	1,154	2,663
18	Dhárwár	846	671	1,517	607	547	1,154	2,671
19	Bijápur	866	573	1,439	655	503	1,158	2,597
20	Kánara	470	233	703	321	181	502	1,205
21	Sholápur	890	491	1,381	511	592	1,103	2,484
22	Sátára North	639	221	860	435	184	619	1,479
23	Satara South	280	212	492	227	186	413	905
24	Kolhapur...	356	233	692	262	226	488	1,180
	Baroda Registration District.							
25	Baroda	316	229	545	245	216	461	1,006
26	Mehsana	223	209	432	179	182	361	793
27	Amreli	60	68	128	56	61	117	245
	Total of Districts ...	12,367	8,475	20,842	9,456	7,199	16,655	37,497
	Ratio per mille* ...							

* Population being not avabilale

DISTRICTS (*Rural Circles*) *and* TOWNS *of the* BOMBAY PROVINCE *year 1949.*

year.										
Over three months and not exceeding six months.			Over six months and not exceeding twelve months.			Total.			One and under five years.	
Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.
10	11	12	13	14	15	16	17	18	19	20
1,319	1,206	2,525	590	557	1,147	3,554	3,172	6,726	3,081	3,366
1,295	1,110	2,405	538	573	1,111	2,979	2,649	5,628	3,262	3,274
949	865	1,814	425	467	892	2,271	2,104	4,375	2,475	2,364
740	640	1,380	402	401	803	1,709	1,520	3,229	2,065	2,164
1,304	1,270	2,574	1,082	1,139	2,221	2,991	2,968	5,959	4,082	3,812
692	650	1,342	308	303	611	1,352	1,271	2,623	1,936	1,929
780	772	1,552	620	634	1,254	1,774	1,697	3,471	2,237	2,226
178	162	340	41	45	86	300	271	571	560	443
28	36	64	14	12	26	60	67	127	152	153
1,303	1,122	2,425	611	567	1,178	3,347	2,811	6,158	2,775	2,658
1,159	960	2,119	559	484	1,043	2,645	2,134	4,779	2,392	2,216
1,764	1,359	3,123	790	521	1,311	3,593	2,643	6,236	3,385	2,879
450	371	821	231	217	448	1,253	1,072	2,325	1,342	1,283
18	16	34	17	12	29	43	42	85	50	62
526	590	1,116	293	338	631	1,412	1,377	2,789	1,616	1,505
646	726	1,372	350	353	703	1,883	1,805	3,688	2,119	2,234
1,280	1,140	2,420	601	526	1,127	3,390	2,820	6,210	3,070	3,358
1,054	853	1,907	636	494	1,130	3,207	2,501	5,708	2,633	2,893
1,094	886	1,980	524	475	999	3,057	2,519	5,576	2,891	3,149
226	179	405	105	80	185	1,034	761	1,795	359	365
1,030	667	1,697	708	932	1,640	3,119	2,702	5,821	3,071	2,786
889	775	1,664	869	784	1,653	2,618	2,178	4,796	2,409	2,339
499	453	952	536	499	1,035	1,527	1,365	2,892	1,585	1,662
822	683	1,505	566	487	1,053	2,080	1,658	3,738	2,182	2,494
823	790	1,613	998	930	1,928	2,366	2,181	4,547	2,054	2,057
946	901	1,847	1,192	1,218	2,410	2,570	2,480	5,050	3,378	3,212
323	276	599	275	286	561	726	679	1,405	843	822
22,137	19,458	41,595	13,881	13,334	27,215	56,860	49,447	1,06,307	58,002	5,7755

ratios cannot be worked out.

No.	Districts and Towns.	Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female.	Male.	Female.	Male.	Female.
1	2	21	22	23	24	25	26
	A—DISTRICTS (EXCLUDING TOWNS)—*contd.*						
	Northern Registration District.						
1	East Khándesh	886	919	488	505	383	479
2	West Khándesh	731	750	393	352	246	355
3	Surat	543	578	355	307	297	371
4	Broach	328	365	162	193	125	160
5	Kaira	479	439	328	270	351	419
6	Panch Maháls	352	408	207	186	214	258
7	Ahmedabad	317	321	177	193	217	245
8	Banaskanta	50	55	45	50	43	40
9	Sabarkanta	14	6	14	11	14	15
	Central Registration District.						
10	Ahmednagar	648	777	345	410	310	407
11	Poona	456	480	264	285	254	399
12	Násik	762	802	450	479	537	619
13	Thána	421	439	224	178	192	206
14	Bombay Suburban	14	11	6	3	12	9
15	Kolába	470	492	239	250	342	382
16	Ratnágiri	507	550	301	340	504	463
	Southern Registration District.						
17	Belgaum	878	627	260	309	182	264
18	Dhárwár	450	495	259	247	234	313
19	Bijápur	703	789	312	339	235	262
20	Kánara	91	104	65	62	102	146
21	Sholápur	480	828	419	410	553	613
22	Sátára North	385	480	229	277	247	315
23	Satara South	364	408	186	190	142	205
24	Kolhapur	444	502	169	190	159	202
	Baroda Registration District.						
25	Baroda	543	574	258	232	242	253
26	Mehsana	684	584	316	316	296	245
27	Amreli	187	166	132	85	73	80
	Total of Districts ...	11,827	12,949	6,603	6,669	6,506	7,723
	Ratio per mille* ...						

* Population being not available

No. IV—*contd.*

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages).		No.
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
27	28	29	30	31	32	33	34	35	36	37	38	
563	686	695	652	863	655	625	628	2,556	2,428	14,094	13,490	1
546	857	693	675	736	484	738	587	1,449	1,399	11,773	11,382	2
684	962	723	800	846	619	944	668	2,239	1,892	11,377	10,665	3
287	463	283	317	284	261	395	292	937	880	6,575	6,615	4
696	811	737	685	702	525	924	726	2,094	1,710	13,384	12,363	5
593	762	568	552	392	336	477	428	1,155	1,202	7,246	7,332	6
448	479	425	868	410	315	601	486	978	958	7,584	7,288	7
72	68	76	77	108	69	76	46	216	201	1,546	1,370	8
24	17	14	14	12	14	10	9	30	39	344	345	9
583	847	728	769	858	654	938	755	2,959	2,854	13,491	12,942	10
676	960	648	650	545	366	718	592	2,603	2,449	11,251	10,531	11
720	879	712	696	475	481	724	660	2,363	2,708	13,721	12,846	12
615	764	851	760	844	531	1,008	687	1,828	1,712	8.578	7,632	13
22	25	22	18	21	12	34	34	71	64	295	280	14
679	739	616	582	635	542	942	875	1,670	1,670	8,621	8,414	15
1,119	1,269	1,066	1,085	1,143	971	1,595	1,310	3,974	4,439	14,209	14,466	16
777	1,046	733	659	961	703	1,283	904	2,124	2,111	13,298	12,801	17
427	692	674	749	689	480	1,042	719	1,707	1,722	11,322	10,811	18
631	891	688	713	891	540	1,141	747	2,565	2,439	13,114	12,388	19
188	283	257	245	290	188	370	321	630	656	3,376	3,131	20
594	748	612	637	502	463	563	437	2,430	2,500	12,343	12,124	21
594	774	483	505	474	407	820	733	2,433	2,220	10,692	10,228	22
337	448	334	348	371	301	474	346	1,930	1,924	7,250	7,197	23
416	511	450	530	505	442	732	455	2,516	2,252	9,653	9,236	24
533	617	536	563	613	417	812	657	1,554	1,405	9,511	8,956	25
711	745	707	625	731	523	926	610	2,262	2,005	12,581	11,345	26
176	180	172	121	141	81	229	154	500	429	3,179	2,797	27
13,711	17,523	14,503	14,395	15,042	11,380	19,591	14,866	47,763	46,268	250,408	238,975	

ratios cannot be worked out.

No.	Districts and Towns.	Under one								
		Not exceeding one month.								Total.
		Male.				Female.				
		Within 24 hours.	Under one week.	Over one week.	Total.	Within 24 hours.	Under one week.	Over one week.	Total.	
1	2	3	4	5	6	7	8	9	10	11
	B—TOWNS.									
1	Bombay City ...	559	972	997	2,528	389	664	809	1,862	4,390
	East Khandesh District.									
2	Jalgaon ...	6	9	10	25	5	8	22	35	60
3	Nasirabad ...	1	5	3	9	1	3	4	8	17
4	Asoda... ...	1	3	2	6	3	10	1	14	20
5	Yawal... ...	...	4	...	4	...	3	2	5	9
6	Faizpur ...	...	...	1	1	...	...	...	...	1
7	Erandol ...	...	5	11	16	...	5	8	13	29
8	Dharangaon ...	...	9	11	20	...	5	6	11	31
9	Kasoda ...	1	7	1	9	3	2	7	12	21
10	Amalner ...	5	9	10	24	1	8	12	21	45
11	Parola ...	8	5	14	27	2	3	14	19	16
12	Chalisgaon ...	8	12	13	33	3	7	11	21	54
13	Pachora ...	2	4	1	7	...	2	4	6	13
14	Nagardeola ...	3	1	...	4	1	1	2	4	8
15	Bhadgaon ...	8	3	6	17	...	4	1	5	22
16	Chopda ...	...	5	5	10	...	2	1	3	13
17	Adawad ...	...	1	...	1	1	2	...	3	4
18	Raver ...	2	8	2	12	4	5	1	10	22
19	Savda ...	...	1	...	1	...	3	1	4	5
20	Bhusawal ...	7	12	8	27	4	13	9	26	53
21	Varangaon ...	...	1	...	1	...	5	...	5	6
22	Bodwad ...	...	...	1	1	...	2	...	2	3
23	Jamner ...	...	2	...	2	...	1	1	2	4
24	Shendurni ...	5	2	2	9	4	3	3	10	19
	West Khandesh District.									
25	Dhulia ...	3	11	14	28	6	13	13	32	60
26	Nandurbar ...	4	13	8	25	...	5	6	11	36
27	Sindkheda ...	...	1	2	3	...	1	1	2	5
28	Betawad	...	2	...	2	...	2	4	6	8
29	Shirpur ..	1	2	4	7	...	4	4	8	15

No. IV—*contd.*

year.

Above one month and below three months.			Above three months and below six months.			Above six months and below twelve months.			Total.		
Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
12	13	14	15	16	17	18	19	20	21	22	23
740	696	1,436	736	712	1,448	1,388	1,458	2,846	5,392	4,728	10,120
15	23	38	8	16	24	44	45	99	92	119	211
10	6	16	1	2	3	3	9	12	23	25	48
4	1	5	4	2	6	3	2	5	17	19	36
2	2	4	2	3	5	5	6	11	13	16	29
2	2	4	2	2	4	6	3	9	11	7	18
7	6	13	4	9	13	18	27	45	45	55	100
4	6	10	17	6	23	15	18	33	56	41	97
6	4	10	1	4	5	2	8	10	18	28	46
8	6	14	12	10	22	32	29	61	76	66	142
6	10	16	4	6	10	20	20	40	57	55	112
10	16	26	9	14	23	20	28	48	72	79	151
3	5	8	2	3	5	3	2	5	15	16	31
4	2	6	4	1	5	5	4	9	17	11	28
7	2	9	3	5	8	8	5	13	35	17	52
10	3	13	4	6	10	5	5	11	30	17	47
1	...	1	2	3	5	1	2	3	5	8	13
4	3	7	2	5	7	2	3	5	20	21	41
2	5	7	2	4	6	2	3	5	7	16	23
16	12	28	13	8	21	11	13	24	67	59	126
3	3	6	4	1	5	5	4	9	13	13	26
2	3	5	...	3	3	1	4	5	4	12	16
...	3	3	7	6	13	2	3	5	11	14	25
6	3	9	5	3	8	2	6	8	22	22	44
17	7	24	19	22	41	49	51	100	113	112	225
19	9	28	9	6	15	13	12	25	66	38	104
12	5	17	9	5	14	7	7	14	31	19	50
2	3	5	2	2	4	3	2	5	9	13	22
2	5	7	2	3	5	12	6	18	23	22	45

No.	Districts and Towns.	One and under five years.		Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	24	25	26	27	28	29	30	31
	B—TOWNS —*contd.*								
1	Bombay City ...	3,406	3,539	744	856	387	396	638	556
	East Khandesh District.								
2	Jalgaon ...	96	104	27	23	17	16	18	20
3	Nasirabad ...	43	42	8	1	5	6	7	5
4	Asoda ...	18	8	4	3	4	3	2	4
5	Yawal ...	21	23	2	5	4	8	2	4
6	Faizpur ...	23	25	3	5	5	6	2	8
7	Erandol ...	30	27	9	11	8	11	7	3
8	Dharangaon ...	48	62	12	6	7	8	7	5
9	Kasoda ...	27	25	7	7	5	1	4	1
10	Amalner ...	53	62	17	14	14	10	11	18
11	Parola ...	37	55	8	12	8	6	8	9
12	Chalisgaon ...	70	104	15	23	9	9	10	7
13	Pachora ...	18	17	4	7	6	3	2	4
14	Nagardeola ...	12	11	2	3	2	5	...	...
15	Bhadgaon ...	25	30	5	4	2	1	1	2
16	Chopda ...	52	43	7	5	7	2	5	5
17	Adawad ...	15	11	4	1	2	2	...	2
18	Raver ...	17	13	3	5	1	1	2	4
19	Savda ...	10	18	3	7	1	5	4	5
20	Bhusawal ...	50	65	12	19	9	5	15	21
21	Varangaon ...	15	23	3	2	3	2	3	6
22	Bodwad ...	13	14	2	6	1	3	1	3
23	Jamner ...	30	24	7	2	7	6	2	3
24	Shendurni ...	27	25	3	10	4	3	2	7
	West Khandesh District.								
25	Dhulia ...	112	97	29	38	19	24	19	32
26	Nandurbar ...	56	52	11	11	5	11	10	14
27	Sindkheda ...	19	30	6	2	2	1	2	3
28	Betawad ...	15	10	2	4	4	2	2	2
29	Shirpur ...	24	22	5	3	5	2	2	3

No. IV—*contd.*

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages).		
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
32	33	34	35	36	37	38	39	40	41	42	43	44
2,309	1,779	1,945	1,332	1,933	872	2,102	820	3,390	2,811	22,246	17,689	1
51	69	50	40	52	24	58	21	101	87	562	528	2
8	10	10	10	14	12	19	4	49	40	186	155	3
4	4	2	3	2	6	8	6	23	21	84	77	4
8	6	5	1	8	8	12	7	36	25	111	103	5
3	6	13	17	6	6	5	7	26	39	97	126	6
9	21	10	9	9	7	18	13	42	39	187	196	7
13	13	14	17	10	6	13	14	43	43	223	215	8
5	10	4	4	4	11	9	2	30	15	113	104	9
22	35	33	20	31	13	32	16	57	48	346	303	10
7	7	4	11	19	6	22	16	39	40	209	217	11
11	28	23	15	17	9	20	15	56	45	303	334	12
3	8	13	13	7	3	11	6	25	19	104	76	13
2	2	1	4	5	1	9	4	8	11	53	52	14
10	20	1	4	10	11	5	3	23	36	117	128	15
...	7	11	6	15	19	6	7	42	31	175	142	16
3	3	3	...	1	...	3	...	16	3	52	40	17
6	22	6	11	4	2	8	5	19	18	86	102	18
6	8	7	8	3	5	10	6	24	25	75	103	19
42	39	44	25	39	22	43	24	57	47	378	329	20
3	3	2	5	12	4	6	...	18	16	78	74	21
6	4	5	6	4	5	7	3	23	14	66	70	22
8	3	4	6	2	4	6	3	17	15	94	80	23
3	5	8	5	12	6	11	11	28	29	120	123	24
54	73	59	61	57	24	64	44	121	112	647	617	25
25	25	17	17	18	12	27	12	42	33	277	225	26
6	11	2	6	9	3	8	2	17	28	102	105	27
2	4	6	1	3	4	5	2	10	9	58	51	28
13	8	11	13	14	10	15	4	22	23	134	109	29

No.	Districts and Towns.	Under one								
		Not exceeding one month.								Total.
		Male.				Female.				
		Within 24 hours.	Under one week.	Over one week.	Total.	Within 24 hours.	Under one week.	Over one week.	Total.	
1	2	3	4	5	6	7	8	9	10	11
	B—TOWNS —*contd.*									
	West Khandesh District—contd.									
30	Shahada ...	...	1	...	1	...	...	...	...	1
31	Taloda ...	1	7	5	13	3	3	5	11	24
32	Nawapur ...	2	10	1	13	...	4	5	9	22
	Surat District.									
33	Surat ...	79	165	109	353	53	139	84	276	629
34	Rander ..	1	5	4	10	...	3	5	8	18
35	Bardoli ...	1	2	2	5	1	3	1	5	10
36	Bulsar ...	...	5	3	8	...	1	2	3	11
37	Pardi ...	5	2	2	9	2	1	...	3	12
38	Bansda ...	...	...	...	...	...	...	1	1	1
39	Gandevi ...	...	13	6	19	...	12	11	23	42
40	Bilimora ...									
41	Vyara ...	..	6	1	7	...	4	4	8	15
42	Kathore ...	..	10	3	13	...	8	5	13	26
43	Variav ...									
44	Songadh ...	...	1	1	2	...	3	4	7	9
45	Navsari ...	...	10	13	23	...	12	12	24	47
46	Dharampur ...	...	...	2	2	...	...	...	...	2
	Broach District.									
47	Broach ...	5	30	44	79	3	9	42	54	133
48	Amod ...	...	...	...	...	...	...	...	...	...
49	Jambusar ...	...	8	9	17	...	7	5	12	29
50	Ankleshwar ...	2	5	7	14	4	11	10	25	39
51	Hansot ...	...	...	1	1	...	...	...	...	1
52	Rajpipla ...									Not re
	Kaira District.									
53	Kaira ...	1	5	5	11	1	1	2	4	15
54	Mehmedabad ...	4	...	5	9	2	...	7	9	18
55	Nadiad ...	6	26	28	60	4	22	20	46	106
56	Mahudha ...	...	1	5	6		3	12	16	22
57	Borsad ...	4	8	5	17		15	9	26	43

No. IV—*contd.*

year.											
Above one month and below three months.			Above three months and below six months.			Above six months and below twelve months.			Total.		
Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
12	13	14	15	16	17	18	19	20	21	22	23
2	1	3	2	4	6	...	1	1	5	6	11
8	3	11	3	6	9	9	10	19	33	30	63
2	2	4	2	1	3	...	3	3	17	15	32
155	162	317	111	108	219	204	177	381	823	723	1,546
7	7	4	6	3	4	15	13	28	38	31	69
4	5	9	5	2	7	2	7	9	16	19	35
4	7	11	7	4	11	4	11	15	23	25	48
3	5	8	2	...	2	2	3	5	16	11	27
...	1	1	2	...	2	...	...	...	2	2	4
...	1	1	10	8	18	9	10	19	38	42	80
...	1	1	4	4	8	2	3	5	13	16	29
...	...	...	10	11	21	13	8	21	36	32	68
1	...	1	...	1	1	...	...	...	3	8	11
...	1	1	16	15	31	20	12	32	59	52	111
2	3	5	...	...	...	1	...	1	5	3	8
43	39	82	34	44	78	79	93	172	235	230	465
7	2	9	3	...	3	2	2	4	12	4	16
15	15	30	10	13	23	24	21	45	66	61	127
11	7	18	3	2	5	9	16	25	37	50	87
1	...	1	3	...	3	...	...	...	5	...	5
ceived.											
8	3	11	8	5	13	16	23	39	43	35	78
1	2	3	...	...	...	31	37	68	41	48	89
49	38	87	50	52	102	101	107	208	260	243	503
14	5	19	15	10	25	19	23	42	54	54	108
18	17	35	18	16	34	32	36	68	85	95	180

No.	Districts and Towns.	One and under five years.		Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	24	25	26	27	28	29	30	31
	B—TOWNS —*contd.*								
	West Khandesh District—contd.								
30	Shahada ...	7	17	4	6	...	5	3	4
31	Taloda ...	14	23	18	8	10	9	7	7
32	Nawapur ...	14	3	4	4	3	2	1	2
	Surat District.								
33	Surat ...	502	532	87	91	56	52	44	84
34	Rander ...	31	35	5	5	5	4	1	5
35	Bardoli ...	8	12	2	2	1	6	3	4
36	Bulsar ...	23	31	5	5	2	4	6	4
37	Pardi ...	7	3	2	2	2	1	1	2
38	Bansda ...	1	4	...	...	...	...	...	...
39	Gandevi ...	23	20	5	5	3	8	7	3
40	Bilimora ...								
41	Vyara ...	9	18	...	1	4	8	2	2
42	Kathore ...	17	17	2	10	5	7	2	3
43	Variav ...								
44	Songadh ...	4	8	1	...	1	...	6	4
45	Navsari ...	65	53	12	17	7	12	14	15
46	Dharampur ...	5	8	2	...	...	2	...	...
	Broach District.								
47	Broach ...	157	167	23	24	14	18	8	26
48	Amod ...	5	8	4	2	1	1	...	4
49	Jambusar ...	64	79	19	18	4	6	3	8
50	Ankleshwar ...	48	45	3	4	5	1	7	4
51	Hansot ...	9	9	1	2	...	2	1	6
52	Rajpipla ...								Not
	Kaira District.								
53	Kaira ...	24	17	7	6	1	3	5	2
54	Mehmedabad ...	53	30	4	3	...	2	3	5
55	Nadiad ...	250	334	39	39	12	11	10	5
56	Mahuda ...	38	41	5	4	3	2	5	3
57	Borsad ...	89	06	7	7	5	6	3	15

No. IV—*contd.*

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages).		No.
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
32	33	34	35	36	37	38	39	40	41	42	43	1
5	6	7	9	8	5	5	7	15	14	59	79	30
12	24	11	17	20	5	10	14	21	22	156	159	31
3	8	3	10	4	4	7	8	17	13	73	79	32
105	166	135	166	196	106	235	121	550	445	2,733	2,486	33
11	11	5	11	12	7	18	11	25	45	151	165	34
4	11	4	3	5	3	6	5	6	10	55	75	35
12	14	11	9	14	10	19	11	38	30	153	143	36
4	8	2	7	15	4	5	2	12	11	66	51	37
2	1	...	...	3	...	7	...	4	4	19	11	38
6	8	11	10	14	8	11	8	28	30	146	142	39, 40
10	4	6	8	3	3	1	4	8	3	56	67	41
3	10	1	4	5	6	8	2	12	12	19	103	42, 43
3	1	2	...	3	2	3	1	6	3	32	27	44
23	31	25	19	31	17	31	10	72	65	339	291	45
...	5	1	3	2	3	3	1	5	6	23	31	46
33	64	51	46	53	42	65	45	132	112	771	774	47
1	2	1	3	2	3	5	3	14	15	45	45	48
14	12	9	9	11	7	17	6	27	43	234	249	49
7	13	10	10	8	6	10	13	26	25	161	171	50
7	5	3	5	2	5	5	5	14	16	47	55	51
received.												52
3	8	9	10	14	8	8	3	17	12	131	104	53
...	...	2	1	...	...	37	26	23	26	143	141	54
34	56	45	42	52	36	60	25	156	147	918	928	55
9	15	6	4	7	4	16	12	23	23	166	162	56
15	33	13	21	20	10	21	13	49	49	307	315	57

No.	District and Towns.	Under one								
		Not exceeding one month.								Total.
		Male.				Female.				
		Within 24 hours.	Under one week.	Over one week.	Total.	Within 24 hours.	Under one week.	Over one week.	Total.	
1	2	3	4	5	6	7	8	9	10	11
	B—TOWNS —*concld.*									
	Kaira District —contd.									
58	Anand ...	...	1	6	7	2	4	3	9	16
59	Umreth ...	3	16	26	45	2	6	21	29	74
60	Dakor ...	3	4	8	15	2	6	11	19	34
61	Kapadvanj ...	3	7	11	21	3	5	12	20	41
62	Matar ...	...	2	1	3	...	1	1	2	5
63	Petlad ...									
64	Sogitra ...	2	23	25	50	...	21	19	40	90
65	Vaso ...									
66	Dharmaj ...									
67	Bhadran ...	...	1	3	4	...	2	...	2	6
68	Atarsumba ...	...	1	1	2	...	3	3	6	8
69	Balasinar ...	...	13	5	18	...	7	4	11	29
70	Cambay ...	1	2	5	8	...	2	5	7	15
	Panch Mahals District.									
71	Godhra ...	2	5	9	16	7	7	11	25	41
72	Dohad ...	4	6	6	16	1	8	7	16	32
73	Jhalod ...	...	1	3	4	...	1	1	2	6
74	Kalol ...	1	1	1	3	...	...	...	...	3
75	Halol ...	...	...	1	1	...	1	1	2	3
76	Sanjeli ...									
77	Baria ...									Not re
78	Santrampur ...									
79	Lunawada ...									
	Ahmedabad District.									
80	Ahmedabad ...	274	494	464	1,232	181	353	386	920	2,152
81	Dhandhuka ...	3	5	9	17	2	2	8	12	29
82	Dholera ...	1	1	1	3	1	1	2	4	7
83	Ranpur ...	1	2	6	9	1	1	4	6	15
84	Sanand ...	2	1	2	5	1	2	2	5	10
85	Viramgum ...	14	9	18	41	4	10	20	34	75
86	Mandel ...	...	...	2	2	...	...	...	...	2

No. IV—*contd.*

year,

Above one month and below three months.			Above three months and below twelve months.			Above six months and below twelve months.			Total.		
Male.	Female.	Total.	Male	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
12	13	14	15	16	17	18	19	20	21	22	23
12	5	17	11	11	22	37	29	66	67	24	121
11	13	24	31	27	58	60	80	140	147	149	296
3	5	8	8	12	20	26	25	51	52	61	113
13	9	22	72	18	30	42	35	77	88	82	170
1	1	2	2	...	2	4	8	12	10	11	21
8	2	10	70	61	131	93	103	196	221	206	427
...	1	1	3	7	10	5	7	12	12	17	29
5	1	6	1	3	4	2	7	9	10	17	27
11	5	16	7	9	16	15	13	28	51	38	89
9	7	16	3	1	4	18	17	35	38	32	70
3	4	7	10	8	18	15	14	29	44	51	95
9	5	14	7	8	15	18	22	40	50	51	101
3	1	4	...	1	1	3	2	5	10	6	16
2	3	5	1	1	2	1	3	4	7	7	14
2	3	5	...	1	1	1	2	3	4	8	12
ceived,											
535	513	1,048	666	668	1,334	1,198	1,349	2,547	3,631	3,450	7,081
12	4	16	8	9	17	23	25	48	60	50	110
2	4	6	1	2	3	2	2	4	8	12	20
8	4	12	1	6	7	10	12	22	28	28	56
4	5	9	7	3	10	2	4	6	18	17	35
15	21	36	29	28	57	43	58	101	128	141	269
...	1	1	5	2	7	5	6	11	12	9	21

No.	Districts and Towns.	One and under five years.		Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	24	25	26	27	28	29	30	31
	B—TOWNS —*contd.*								
	Kaira District —contd.								
58	Anand ...	101	86	14	9	14	6	15	9
59	Umreth ...	37	59	6	9	3	4	3	3
60	Dakor ...	46	61	10	17	7	2	4	4
61	Kapadvanj ...	35	41	5	12	7	9	5	5
62	Matar ...	11	14	2	1	3	...	...	...
63	Petlad ...								
64	Sogitra ...	161	134	52	58	20	29	21	24
65	Vaso ...								
66	Dharmaj ...								
67	Bhadran ...	16	13	1	...	3	1	...	1
68	Atarsumba ...	6	4	...	1	...	1	1	...
69	Balasinar ...	36	32	10	8	4	3	4	4
70	Cambay ...	35	30	3	8	2	2	3	5
	Panch Mahals District.								
71	Godhra ...	53	47	12	22	5	5	3	5
72	Dohad ...	53	52	20	6	2	2	12	2
73	Jhalod ...	14	21	1	3	3	3	...	1
74	Kalol ...	10	13	2	...	4	...	...	1
75	Halol ...	8	11	...	3	...	...	...	1
76	Sanjeli ...								
77	Baria ...								Not
78	Santrampur ...								
79	Lunawada ...								
	Ahmedabad District.								
80	Ahmedabad ...	2,978	3,368	369	388	156	181	175	227
81	Dhandhuka ...	28	43	3	11	6	2	8	4
82	Dholera ...	7	18	1	2	2	5	1	2
83	Ranpur ...	28	39	6	9	3	5	1	5
84	Sanand ...	26	32	5	5	2	3	1	5
85	Viramgum ...	134	138	17	20	14	16	8	8
86	Mandel ...	24	26	13	8	1	2	2	1

No. IV—*contd.*

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total. (all ages).		No.
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
32	33	34	35	36	37	38	39	40	41	42	43	
37	38	41	35	37	21	31	17	52	42	409	317	8
7	16	10	10	21	9	17	18	55	50	306	327	59
7	11	10	7	6	8	16	12	31	18	189	209	60
18	24	13	11	12	8	19	23	36	27	238	242	61
2	5	3	3	5	...	7	2	11	8	54	44	62
32	29	48	28	39	29	46	44	91	90	731	671	63, 64, 65, 66
5	...	1	3	...	3	5	6	26	10	69	54	67
1	4	2	1	1	1	3	1	7	7	31	7	68
5	7	7	7	3	7	8	5	27	18	155	129	69
5	12	5	6	11	13	10	6	20	39	132	153	70
11	21	9	24	18	13	19	14	14	51	238	253	71
13	17	16	18	19	13	33	12	23	25	241	198	72
6	4	6	4	4	2	1	1	14	11	39	56	73
3	6	6	2	4	...	4	3	16	13	56	45	74
1	3	...	...	2	2	9	1	8	5	32	34	75
recei	ved.											76, 77, 78, 79
527	785	569	580	523	323	617	305	1,140	1,108	10,693	10,715	80
11	8	10	6	9	3	22	16	36	13	193	156	81
3	4	3	4	2	3	5	3	10	6	42	59	82
2	6	3	6	7	3	8	5	17	17	103	123	83
9	7	6	4	7	7	10	7	18	17	102	104	84
17	20	17	22	27	18	26	28	47	59	435	470	85
4	5	4	5	3	4	6	4	18	10	87	74	86

No.	Districts and Towns.	Under one								
		Not exceeding one month.								Total.
		Male.				Female.				
		Within 24 hours.	Under one week.	Over one week.	Total.	Within 24 hours.	Under one week.	Over one week.	Total.	
1	2	3	4	5	6	7	8	9	10	11
	B—TOWNS —*contd.* *Ahmedabad District*—contd.									
87	Patdi ...	...	4	5	9	...	5	1	6	15
88	Prantij ...	3	3	3	9	2	1	7	10	19
89	Modasa ...	...	8	3	11	1	...	3	4	15
90	Dholka ...	6	7	8	21	...	7	13	20	41
91	Ahmedabad Cantonment.	...	1	1	2	...	...	...	...	2
92	Dehgam ...	...	5	9	14	...	5	7	12	26
	Banaskanta District.									
93	Palanpur ...									Not
94	Deesa ...	...	1	1	2	...	...	1	1	3
	Sabarkanta District.									
95	Himatnagar ...									Not
96	Jelur ...									Not
97	Vadali ...	...	...	...	...	...	...	...	...	...
	Ahmednagar District.									
98	Ahmednagar ...	5	33	18	56	3	27	15	45	101
99	Ahmednagar Cantonment.	5	3	5	13	3	5	1	9	22
100	Kopargaon ...	1	5	1	7	1	3	2	6	13
101	Pathardi ...	...	1	1	2	...	...	1	1	3
102	Sangamner ...	...	4	1	5	...	2	...	2	7
103	Shrirampur ...	1	13	7	21	...	4	4	8	29
104	Shrigonda ...	...	...	2	2	...	3	1	4	6
	Poona District.									
105	Poona ...	132	180	223	535	76	152	176	404	939
106	Poona Suburban.	8	18	10	36	2	8	6	16	52
107	Junnar ...	1	...	...	1	1	...	...	1	2
108	Baramati ...	5	4	1	10	5	4	3	12	22
109	Lonavla ...	...	3	2	5	3	3	...	6	11
110	Poona Cantonment.	3	3	1	7	1	...	1	2	9
111	Kirkee ...	14	8	12	34	5	4	12	21	55
112	Alandi ...	...	3	...	3	...	1	...	1	4
113	Indapur ...	...	...	...	...	...	...	...	...	...

No. IV—*contd.*

year.											
Above one month and below three months.			Above three months and below six months.			Above six months and below twelve months.			Total.		
Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male	Female.	Total.
12	13	14	15	16	17	18	19	20	21	22	23
6	4	10	7	4	11	9	16	25	31	30	61
6	5	11	11	10	21	9	10	19	35	35	70
4	5	9	4	2	6	11	9	20	30	20	50
18	23	41	9	12	21	38	41	79	86	96	182
...	...	...	...	1	1	2	...	2	4	1	5
2	4	6	16	17	33	30	25	55	63	58	120
receive d.											
...	2	2	2	...	2	...	...	...	4	3	7
receive d.											
receive d.											
1	...	1	3	1	4	5	...	5	9	1	10
35	18	53	21	20	41	39	36	75	151	119	270
6	4	10	4	2	6	10	3	13	33	18	51
2	1	3	3	4	7	6	3	9	18	14	32
3	...	3	1	...	1	...	3	3	6	4	10
...	...	...	1	1	2	...	2	2	6	5	11
11	7	18	5	6	11	4	7	11	41	28	69
...	...	...	1	1	2	1	...	1	4	5	9
203	194	397	125	138	263	281	329	610	1,144	1,065	2,209
25	16	41	15	8	23	20	17	37	96	57	153
3	1	4	1	1	2	...	...	...	5	3	8
2	3	5	3	4	7	7	4	11	22	23	45
6	7	13	3	5	8	4	7	11	18	25	43
7	2	9	9	3	12	13	7	20	36	14	50
10	8	18	15	9	24	15	11	26	74	59	133
...	2	2	...	1	1	1	1	2	4	5	9
...	...	...	...	...	...	...	1	1	...	1	1

No.	Districts and Towns.	One and under five years.		Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	24	25	26	27	28	29	30	31
	B—TOWNS —*contd.* *Ahmedabad District*—contd.								
87	Patdi ...	16	16	1	...	7	3	3	3
88	Prantij ...	41	29	4	2	5	5	2	4
89	Modasa ...	34	21	4	2	2	4	3	2
90	Dholka ...	62	67	6	10	15	10	3	10
91	Ahmedabad Cantonment.	...	3	...	...	...	...	1	...
92	Dehgam ...	47	50	5	1	1	4	4	4
	Banaskanta District.								
93	Palanpur ...								Not
94	Deesa ...	...	...	...	...	...	...	...	...
	Sabarkanta D strict.								
95	Himatnagar ...								Not
96	Jelur ...								Not
97	Vadali ...	8	4	3	3	2	...	1	...
	Ahmednagar District.								
98	Ahmednagar ...	93	115	31	23	23	20	14	36
99	Ahmednagar Cantonment.	22	11	7	5	6	5	7	12
100	Kopargaon ...	21	34	8	4	6	4	5	2
101	Pathardi ...	2	6	1	6	4	3	1	2
102	Sangamner ...	13	7	1	1	1	3	3	6
103	Shrirampur ...	11	12	5	4	...	3	1	4
104	Shrigonda ...	3	5	1	3	1	1	4	6
	Poona District.								
105	Poona ...	703	735	98	121	36	68	86	152
106	Poona Suburban.	70	59	5	8	6	2	3	6
107	Junnar ...	8	4	3	...	5	0	...	5
108	Baramati ...	16	17	2	7	6	...	5	6
109	Lonavla ...	25	27	5	7	1	1	3	6
110	Poona Cantonment.	23	34	2	1	3	4	11	14
111	Kirkee ...	68	62	13	7	5	4	4	14
112	Alandi ...	2	9	1	1	1	4	...	3
113	Indapur ...	1	3	2	1	1	2	...	5

No. IV—*contd.*

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages).		No.
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
32	33	34	35	36	37	38	39	40	41	42	43	1
4	2	4	3	6	3	14	8	11	12	97	80	87
5	6	3	4	9	1	15	4	17	26	136	116	88
5	10	6	9	10	6	11	14	14	23	119	111	89
14	24	18	10	14	8	19	13	39	49	276	297	90
3	3	1	1	4	1	4	...	7	2	24	11	91
7	9	7	8	10	3	7	4	25	24	175	165	92
recei	ved.											93
...	...	...	...	...	...	...	...	...	...	4	3	94
recei	ved.											95
recei	ved.											96
5	1	3	6	4	1	5	1	1	5	41	22	97
141	44	43	51	52	32	67	41	144	122	665	608	98
19	17	7	7	19	13	23	5	29	18	172	111	99
17	14	8	11	11	19	21	11	33	30	148	143	100
3	2	7	8	3	1	2	1	26	13	55	46	101
3	10	5	4	5	6	12	11	24	11	73	64	102
5	9	8	5	15	2	7	3	26	20	119	90	103
12	2	6	5	3	6	5	4	26	29	65	66	104
216	349	202	197	212	132	306	235	473	524	3,476	3,518	105
28	27	13	11	21	17	12	2	38	38	292	227	106
2	7	1	5	3	5	6	3	21	13	54	45	107
13	17	10	6	9	18	12	9	27	28	122	131	108
7	14	9	14	12	5	8	5	28	28	116	132	109
27	30	26	16	32	9	39	12	80	56	284	190	110
18	18	11	3	13	9	19	6	59	56	284	228	111
1	3	...	2	4	1	1	2	15	9	29	39	112
2	1	4	3	7	4	7	...	14	10	38	30	113

No.	Districts and Towns.	Under one								
		Not exceeding one month.								Total.
		Male.				Female.				
		Within 24 hours.	Under one week.	Over one week.	Total.	Within 24 hours.	Under one week.	Over one week.	Total.	
1	2	3	4	5	6	7	8	9	10	11
	B—TOWNS —*contd.*									
	Poona District —contd.									
114	Jejuri ...	...	...	...	...	...	...	...	...	...
115	Saswad ...	...	1	3	4	...	...	1	1	5
116	Sirur ...	...	1	1	2	...	...	...	...	2
117	Talegaon-Dabhade.	1	4	3	8	...	2	...	2	10
118	Dhond ...	1	2	1	4	1	...	...	1	5
119	Bhor ...	2	2	2	6	1	2	...	3	9
	Nasik District.									
120	Nasik ...	3	38	30	71	2	27	22	51	122
121	Bhagur ...	...	...	2	2	...	...	1	1	3
122	Trimbak ...	1	1	1	3	1	1	...	2	5
123	Sinnar ...	...	4	1	5	...	4	1	5	10
124	Igatpuri ...	...	1	2	3	...	2	3	5	8
125	Manmad ...	...	1	1	2	...	1	3	4	6
126	Nandgaon ...	...	1	4	5	...	...	...	...	5
127	Yeola ...	6	8	4	18	5	2	9	16	34
128	Malegaon ...	15	34	11	60	6	17	9	32	92
129	Deolali	2	5	...	7	...	1	2	3	10
	Thana District									
130	Bassein ...	...	1	2	3	...	...	...	...	3
131	Bhiwandi ...	1	6	3	10	1	2	3	6	16
132	Thana ...	2	10	29	41	1	7	13	21	62
133	Kalyan ...	1	10	15	26	...	...	8	8	34
134	Palghar ...	...	...	...	...	...	...	2	2	2
135	Malad ...	...	6	6	12	...	5	3	8	20
136	Jawhar ...	...	...	...	...	...	...	1	1	1
	Bombay Suburban District.									
137	Ghatkopar ...	3	8	11	22	1	6	13	20	42
138	Kurla ...	5	12	14	31	1	10	14	25	56
139	Juhu ...	...	2	2	4	...	1	...	1	5
140	Vile Parle and Andheri.	4	8	4	16	...	8	6	14	30
141	Bandra ...	17	52	37	106	5	47	28	80	186

No. IV—*contd.*

year.											
Above one month and below three months.			Above three months and below six months.			Above six months and below twelve months.			Total.		
Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
12	13	14	15	16	17	18	19	20	21	22	23
2	...	2	1	2	3	...	1	1	3	3	6
2	2	4	3	1	4	4	1	5	13	5	18
4	...	4	3	1	4	1	...	1	10	1	11
3	3	6	1	1	2	3	4	7	15	10	25
...	2	2	2	4	6	9	2	11	14	9	23
3	3	6	3	4	7	7	2	9	19	12	31
56	42	98	44	31	75	75	81	156	246	205	451
7	2	9	2	1	3	3	2	5	14	6	20
4	2	6	5	4	9	2	5	7	14	13	27
2	5	7	6	2	8	2	2	4	15	14	29
7	4	11	1	3	4	4	3	7	15	15	30
4	2	6	...	1	1	2	2	4	8	9	17
1	2	3	2	1	3	2	6	8	10	9	19
28	29	55	6	10	16	14	22	36	66	15	141
29	35	64	25	16	41	28	42	70	142	125	267
3	...	3	1	...	1	1	...	1	12	3	15
1	2	3	1	...	1	8	7	15	13	9	22
1	1	2	2	1	3	3	2	5	16	10	26
1	4	5	6	5	11	34	36	70	82	66	148
1	...	1	6	4	10	3	9	12	36	21	57
...	...	...	1	...	1	...	...	...	1	2	3
2	2	4	2	4	6	23	25	48	39	39	78
...	...	...	...	...	...	...	...	...	...	1	1
19	18	37	15	15	30	28	18	46	84	71	155
12	13	25	18	20	38	14	28	42	75	86	161
...	...	...	1	2	3	3	1	4	8	4	12
12	4	16	12	12	24	11	14	25	51	44	95
38	43	81	39	32	71	36	50	86	219	205	424

No.	Districts and Towns.	One and under five years.		Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	24	25	26	27	28	29	30	31
	B—TOWNS —*contd.*								
	Poona District —contd.								
114	Jejuri ...	9	7	...	2	2	...	1	1
115	Saswad ...	11	1	2	1	3	1	2	2
116	Sirur ...	3	3	2	...	1	1	...	1
117	Talegaon-Dabhade.	10	11	...	...	...	1	1	2
118	Dhond ...	20	14	5	3	...	3	5	6
119	Bhor ...	17	21	2	6	3	6	1	...
	Nasik District.								
120	Nasik ...	156	145	43	43	45	65	52	76
121	Bhagur ...	17	19	3	3	2	...	3	6
122	Trimbak ...	8	10	2	5	1	1	2	5
123	Sinnar ...	16	13	13	4	1	6	7	5
124	Igatpuri ...	18	14	5	4	2	8	5	6
125	Manmad ...	12	6	9	4	3	...	6	4
126	Nandgaon ...	6	6	7	2	2	4	4	3
127	Yeola ...	70	71	22	26	5	2	14	15
128	Malegaon ...	195	150	29	32	16	17	21	12
129	Deolali ...	11	2	2	...	2	2	1	5
	Thana District.								
130	Bassein ...	7	10	2	2	1	2	2	7
131	Bhiwandi ...	26	23	8	5	4	...	7	3
132	Thana ...	68	57	15	17	19	15	17	12
133	Kalyan ...	36	35	6	10	6	6	7	9
134	Palghar ...	5	5	4	1	..	...	...	...
135	Malad ...	61	78	12	19	2	13	14	12
136	Jawhar ...	2	...	3	2	...	...	2	3
	Bombay Suburban District.								
137	Ghatkopar ..	81	100	10	20	4	9	8	5
138	Kurla ...	99	96	10	20	12	11	9	9
139	Juhu ...	3	4	...	...	...	...	4	2
140	Vile Parle and Andheri.	34	29	8	3	9	5	16	13
141	Bandra ...	191	190	24	23	14	14	40	40

No. IV—*contd.*

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages.)		No.
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
32	33	34	35	36	37	38	39	40	41	42	43	1
5	4	2	1	...	1	2	2	4	5	28	26	114
1	3	5	4	3	3	1	2	15	13	62	55	115
...	2	4	4	2	6	2	2	11	10	35	30	116
3	5	3	4	2	4	2	3	3	16	39	56	117
15	9	9	12	9	3	11	6	25	7	114	72	118
6	8	6	3	6	7	4	5	21	14	85	82	119
79	117	74	76	101	70	86	48	165	136	1,048	981	120
3	3	6	4	5	4	6	3	15	14	75	62	121
1	...	...	1	2	2	4	1	12	13	46	51	122
10	12	7	10	17	6	4	4	30	29	120	103	123
5	10	12	7	9	5	8	3	19	18	98	90	124
13	7	8	6	5	5	5	3	23	18	97	62	125
6	4	5	4	5	21	4	2	15	6	64	41	126
18	21	15	23	20	11	25	13	42	56	297	313	127
38	41	21	31	44	19	40	19	93	67	639	573	128
2	3	6	5	6	2	9	1	46	31	97	54	129
6	8	11	11	4	6	14	3	25	19	85	77	130
7	3	17	14	17	10	13	4	24	28	139	100	131
32	36	50	26	37	11	49	43	80	61	449	344	132
25	34	17	14	25	19	35	24	66	51	259	223	133
1	4	2	...	3	5	3	1	5	11	24	29	134
25	33	22	11	11	13	28	15	59	65	273	298	135
2	1	1	2	1	2	1	1	4	4	16	16	136
24	39	13	23	24	13	24	29	68	94	340	403	137
29	19	22	31	16	12	35	22	91	83	398	389	138
1	1	...	1	3	...	3	5	8	5	30	22	139
19	19	14	12	27	12	24	13	63	41	265	191	140
46	57	60	56	52	32	14	42	213	191	933	850	141

No.	Districts and Towns.	Under one — Not exceeding one month. — Male. — Within 24 hours.	Under one week.	Over one week.	Total.	Female. — Within 24 hours.	Under one week.	Over one week.	Total.	Total.
1	2	3	4	5	6	7	8	9	10	11
	B—TOWNS —*contd.*									
	Kolaba District.									
142	Alibag ...	1	2	...	3	2	...	...	2	5
143	Pen ...	2	2	4	8	3	2	3	8	16
144	Roha ...	...	3	1	4	...	...	...	...	4
145	Mahad ...	1	2	...	3	...	...	...	...	3
146	Panwel ...	3	1	2	6	1	1	...	2	8
147	Uran ...	1	2	...	3	1	1	...	2	5
148	Matheran ...	...	2	...	2	...	1	...	1	3
149	Murud ...	1	2	5	8	1	1	3	5	13
150	Shriwardhan ...	2	1	...	3	1	3	1	5	8
151	Mhasala ...	...	1	1	2	...	1	1	2	4
	Ratnagiri District.									
152	Ratnagiri ...	...	2	4	6	3	3	6	12	18
153	Vengurla ...	1	8	6	15	2	2	2	6	21
154	Malwan ...	4	7	3	14	...	4	2	6	20
155	Chiplun ...	...	2	2	4	...	3	...	3	7
156	Rajapur ...	1	2	4	7	1	2	3	6	13
	Belgaum District.									
157	Belgaum ...	...	15	12	27	...	10	13	23	50
158	Gokak ...	...	7	3	10	...	3	...	3	13
159	Athani ...	...	3	4	7	...	1	3	4	11
160	Nipani ...	...	29	10	39	...	15	6	21	60
161	Bail Hongal ...	...	5	1	6	...	3	5	8	14
162	Chikodi ...	...	12	9	21	...	4	2	6	27
163	Khanapur ...	...	...	...	...	...	...	...	...	...
164	Saundatti Yellamma.	...	2	3	5	...	6	3	9	14
165	Shahapur ...	...	7	1	8	...	7	...	7	15
166	Katkol ...	...	5	3	8	...	5	...	5	13
167	Belgaum Cantonment.	...	3	...	3	...	1	...	1	4
	Dharwar District.									
168	Dharwar ...	2	19	11	32	3	9	4	16	48
169	Hubli ...	12	26	19	57	15	22	21	58	115
170	Gadag-Betgiri ..	1	20	19	40	4	20	13	37	77
171	Ranebennur ...	1	3	4	8	...	5	2	7	15
172	Nawalgund ...	1	...	1	2	...	2	...	2	4

No. IV—*contd.*

year.

Above one month and below three months.			Above three months and below six months.			Above six months and below twelve months.			Total.		
Male.	Female.	Total.	Male.	Female.	Total.	Male	Female.	Total.	Male.	Female	Total.
12	13	14	15	16	17	18	19	20	21	22	23
...	...	...	...	...	...	...	...	...	3	2	5
1	2	3	3	5	8	1	4	5	13	19	32
1	...	1	3	1	4	2	...	2	10	1	11
2	1	3	...	...	...	1	...	1	6	1	7
2	3	5	3	1	4	6	1	7	17	7	24
...	...	...	1	1	2	...	5	5	4	8	12
2	...	2	...	...	...	3	4	7	7	5	12
4	2	6	1	1	2	3	...	3	16	8	24
1	2	3	2	...	2	1	1	2	7	8	15
...	...	...	1	...	1	3	2	5	6	4	10
2	1	3	4	1	5	2	1	3	14	15	29
4	6	10	6	4	10	7	4	11	32	20	52
5	1	6	5	3	8	14	12	26	38	22	60
3	2	5	3	2	5	4	5	9	14	12	26
1	2	3	4	...	4	3	...	...	12	8	20
10	10	20	22	21	43	27	19	46	86	73	159
1	...	1	12	8	20	14	5	19	37	16	53
6	4	10	11	9	20	7	5	12	31	22	53
...	2	2	12	6	18	8	11	19	59	40	99
1	...	1	7	5	12	5	2	7	19	15	34
...	2	2	6	8	14	4	6	10	31	22	53
...	...	...	...	...	...	1	...	1	1	...	1
...	...	...	8	...	8	...	1	1	13	10	23
1	...	1	6	3	9	1	3	4	16	13	29
3	1	4	2	2	4	2	5	7	15	13	28
2	...	2	2	3	5	2	2	4	9	6	15
18	9	27	9	5	14	12	10	22	71	4	111
14	10	24	15	14	29	15	11	26	101	93	194
28	28	56	22	28	50	34	27	61	124	120	244
11	9	20	8	12	20	9	7	16	36	35	71
3	2	5	5	2	7	..	2	2	10	8	18

No.	Districts and Towns.	One and under five years.		Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female.	Male	Female.	Male.	Female.	Male.	Female.
1	2	24	25	26	27	28	29	30	31
	B—TOWNS —*contd*								
	Kolaba District.								
142	Alibag ...	8	6	1	...	1	2	5	5
143	Pen ...	5	6	3	1	...	1	4	2
144	Roha ...	9	6	2	2	8	3	3	1
145	Mahad ...	18	11	3	...	2	...	3	3
146	Panwel ...	14	15	2	5	7	7	8	5
147	Uran ...	13	9	2	3	1	8	4	4
148	Matheran ...	13	9	...	4	1	...	3	1
149	Murud ...	14	9	6	1	6	6	2	4
150	Shriwardhan ...	11	7	9	5	5	9	6	2
151	Mhasala ...	3	5	1	1	...	2	1	1
	Ratnagiri District.								
152	Ratnagiri ...	23	21	1	7	9	7	13	15
153	Vengurla ...	20	20	2	3	4	4	2	5
154	Malwan ...	20	37	5	6	5	8	7	8
155	Chiplun ...	19	17	2	3	7	8	3	7
156	Rajapur ...	16	13	2	4	...	1	2	2
	Belgaum District.								
157	Belgaum ...	110	128	24	24	18	15	29	24
158	Gokak ...	27	30	12	6	1	1	4	3
159	Athani ...	23	27	5	5	2	...	1	6
160	Nipani ...	42	64	5	11	5	2	8	4
161	Bail Hongal ...	25	29	4	2	3	3	2	3
162	Chikodi ...	23	19	3	...	1	4	4	1
163	Khanapur ...	6	6	...	...	...	1	1	3
164	Saundatti Yellamma.	9	17	2	3	1	1	...	4
165	Shahapur ...	6	20	5	2	3	4	3	3
166	Katkol ...	8	10	4	2	2	2	...	4
167	Belgaum Cantonment.	13	9	4	1	...	...	2	1
	Dharwar District.								
168	Dharwar ...	66	74	12	16	16	14	17	23
169	Hubli ...	146	150	28	18	10	14	24	36
170	Gadag-Betgiri ...	216	196	36	28	24	24	9	32
171	Ranebennur ...	34	43	12	4	5	3	3	4
172	Nawalgund ...	12	6	...	3	3	1	3	5

No. IV—*contd.*

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages).		No.
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
32	33	34	35	36	37	38	39	40	41	42	43	1
9	7	4	3	5	2	9	5	16	14	61	46	142
...	3	12	4	7	4	...	4	17	14	61	58	143
7	8	1	5	7	5	6	9	17	19	70	59	144
7	14	3	4	5	5	10	9	12	18	69	65	145
9	9	13	4	7	18	19	13	29	22	125	105	146
4	4	4	9	6	6	9	8	16	12	63	71	147
4	3	2	5	6	...	10	4	7	11	53	42	148
6	13	2	3	6	8	6	10	23	27	87	89	149
8	10	6	4	3	3	9	7	14	19	78	74	150
2	4	1	1	2	1	6	3	6	10	28	32	151
27	21	16	14	27	20	27	14	58	54	215	178	152
17	14	9	9	17	15	12	10	34	33	149	133	153
14	11	16	13	16	16	14	18	40	61	175	200	154
13	9	9	16	13	7	15	6	25	37	120	122	155
3	3	3	2	9	1	5	8	19	25	71	67	156
61	69	48	54	70	24	74	46	98	92	618	549	157
14	15	4	10	7	7	22	11	26	29	154	128	158
7	14	9	13	10	5	9	11	25	24	122	127	159
13	17	12	16	12	11	19	7	44	32	219	204	160
8	12	6	8	10	2	3	7	12	21	92	102	161
2	11	3	9	9	3	2	2	19	21	97	92	162
3	5	2	1	2	2	7	6	4	4	26	28	163
6	7	8	6	11	6	13	4	10	14	73	72	164
2	11	5	4	7	10	12	5	22	30	81	102	165
2	6	5	2	3	8	5	1	10	11	54	59	166
3	7	1	3	7	4	5	3	15	14	59	48	167
34	47	35	31	49	20	47	30	103	93	450	388	168
73	83	60	58	95	42	95	53	169	127	801	674	169
40	55	55	48	41	26	53	32	93	102	691	663	170
11	16	7	12	17	6	15	10	32	30	172	163	171
7	13	4	5	16	3	14	5	22	25	91	74	172

No.	Districts and Towns.	Under one — Not exceeding one month. — Male. — Within 24 hours.	Under one week.	Over one week.	Total.	Female. — Within 24 hours.	Under one week.	Over one week.	Total.	Total.
1	2	3	4	5	6	7	8	9	10	11
	B—TOWNS —*contd.*									
	Dharwar District —contd.									
173	Annigeri ...	...	3	4	7	1	2	5	8	15
174	Bankapur ...	...	2	9	11	1	4	1	6	17
175	Byadgi ...	1	9	3	13	...	7	3	10	23
176	Hangal ...	...	2	1	3	...	5	...	5	8
177	Haveri ...	...	...	4	4	...	1	1	2	6
178	Nargund ...	...	5	2	7	...	1	5	6	13
179	Ron ...	...	4	7	11	...	1	4	5	16
180	Shiggaon ...	...	2	8	10	...	6	...	6	16
181	Tuminkatti ...	1	4	1	6	...	2	1	3	9
182	Shirhatti ...	...	1	2	3	...	...	...	..	3
183	Laxmeshwar ..	...	1	2	3	...	1	1	2	5
184	Kundgol ...	...	3	1	4	...	5	3	8	12
185	Sanshi ...	...	4	4	8	...	1	4	5	13
186	Kamodoiti ...	...	6	1	7	3	3	2	8	15
187	Gudgeri ...	...	3	5	8	...	...	2	2	10
188	Shigguli ...	...	3	1	4	...	...	3	3	7
189	Savnur ...	...	5	...	5	...	5	1	6	11
	Bijapur District.									
190	Bijapur ...	1	21	9	31	4	16	9	29	60
191	Bagalkot ...	...	10	12	22	1	9	15	25	47
192	Guledgud ...	...	12	7	19	1	1	6	8	27
193	Ilkal ...	...	4	3	7	...	4	4	8	15
194	Bilgi ...	...	2	3	5	...	2	...	2	7
195	Hungund ...	1	5	3	9	..	8	5	13	22
196	Kerur ...	...	...	1	1	...	1	4	5	6
197	Talikot ...	...	13	4	17	...	6	4	10	27
198	Banahatti ...	...	8	4	12	...	8	3	11	23
199	Hunnur ...	...	...	1	1	...	...	1	1	2
200	Jamkhandi ...	...	21	2	23	...	10	...	10	33
201	Savulgi ...	...	2	2	4	...	2	3	5	9
202	Terdal ...	...	2	2	4	...	7	5	12	16
203	Rubkavi ...	...	4	4	8	...	...	1	1	9
204	Mudhol ...	...	...	1	1	...	...	1	1	2
205	Mahallugpuri ...	...	1	1	2	...	1	...	1	3
206	Leekapur ...	...	1	...	1	...	2	...	2	3
207	Ramdurg ...	...	1	1	2	...	1	...	1	3
	Kanara District.									
208	Karwar ...	...	10	3	13	...	4	...	4	17
209	Kumta ...	1	5	4	10	...	2	2	4	14
210	Gokarn ...	...	4	...	4	...	...	...	...	4
211	Honawar ...	...	...	...	...	...	1	3	4	4
212	Bhatkal ...	...	4	2	6	...	3	1	4	10
213	Halyal ...	...	2	1	3	...	...	...	...	3
214	Sirsi ...	...	27	7	34	...	14	3	17	51

No. IV—*contd.*

year.

Above one month and below three months.			Above three months and below six months.			Above six months and below twelve months.			Total.		
Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
12	13	14	15	16	17	18	19	20	21	22	23
10	5	15	5	5	10	5	7	12	27	25	52
1	4	5	...	2	2	3	3	6	15	15	30
3	5	8	6	5	11	...	7	7	22	27	49
1	...	1	4	1	5	2	...	2	10	6	16
5	2	7	4	...	4	1	2	3	14	6	20
4	6	10	5	6	11	5	6	11	21	24	45
7	4	7	1	2	3	5	9	14	24	20	44
3	4	7	1	...	1	1	1	2	15	11	26
3	3	6	2	...	2	3	2	5	14	8	22
...	1	1	...	1	1	1	1	2	4	3	7
..	2	2	5	4	9	3	3	6	11	11	22
2	3	5	2	...	2	4	1	5	12	12	24
1	1	2	1	4	5	...	2	2	10	12	22
1	...	1	...	1	1	1	1	2	9	10	19
4	...	4	4	3	7	1	1	2	17	6	23
2	...	2	...	1	1	2	...	2	8	4	12
4	4	8	2	3	5	7	3	10	18	16	34
4	4	8	28	11	39	5	21	26	68	65	133
10	6	16	9	10	19	11	9	20	52	50	102
5	2	7	17	11	28	22	13	35	63	34	97
10	6	16	15	23	38	19	20	39	51	57	108
2	...	2	3	3	6	1	1	2	11	6	17
1	3	4	2	2	4	...	...	...	12	18	30
1	..	1	7	...	7	3	4	7	12	9	21
3	2	5	6	4	10	1	3	4	27	19	46
8	6	14	3	9	12	7	1	8	30	27	57
...	2	2	1	1	2	2	1	3	4	5	9
...	1	1	..	...	...	3	...	3	26	11	37
4	...	4	4	9	5	1	3	4	13	9	22
1	2	3	1	4	5	3	2	5	9	20	29
2	...	2	2	5	7	3	5	8	15	11	26
...	1	1	5	2	7	2	...	2	8	4	12
1	3	4	3	2	5	4	1	5	10	7	17
...	...	...	...	...	...	...	...	...	1	2	3
4	1	5	12	3	15	4	4	8	22	9	31
...	...	...	2	1	3	3	3	6	18	8	26
...	1	1	2	...	2	...	1	1	12	6	18
1	...	1	...	3	3	..	1	1	5	4	9
2	...	2	1	7	8	1	2	3	4	13	17
1	...	1	6	4	10	1	4	5	14	12	26
...	...	...	3	...	3	...	2	2	6	2	8
1	3	4	4	1	5	4	4	8	43	25	68

No.	Districts and Towns.	One and under five years.		Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female	Male.	Female.	Male.	Female.	Male.	Female.
1	2	24	25	26	27	28	29	30	31
	B—TOWNS —*contd.*								
	Dharwar District —contd.								
173	Annigeri ...	31	23	7	5	2	3	...	2
174	Bankapur ...	5	7	5	1	...	1	2	...
175	Byadgi ...	19	32	6	5	1	...	2	2
176	Hangal ...	9	6	...	2	4	1	2	1
177	Haveri ...	25	19	7	4	2	1	5	6
178	Nargund ...	23	18	3	3	...	3	2	5
179	Ron ...	26	25	3	4	2	1	2	2
180	Shiggaon ...	7	7	...	1	1	1	1	6
181	Tuminkatti ...	7	15	1	1	...	1	..	...
182	Shirhatti ...	11	11	1	2	1	3	1	2
183	Laxmeshwar ...	18	18	6	2	5	2	2	1
184	Kundgol ...	17	10	3	4	1	4	2	2
185	Samshi ...	11	10	...	1	...	1	1	1
186	Kamodoiti ..	19	26	2	5	...	...	...	1
187	Gudgeri ...	9	7	3	4	...	1	1	...
188	Shigguli ...	9	9	2	...	...	...	...	2
189	Savnur ..	12	19	6	5	2	5	2	6
	Bijapur District.								
190	Bijapur ...	61	60	17	18	15	11	13	19
191	Bagalkot ...	48	71	8	9	6	8	12	11
192	Guledgud ...	48	58	5	4	2	8	4	3
193	Ilkal ...	90	89	11	13	4	6	5	6
194	Bilgi ...	15	4	6	...	1	2	1	...
195	Hungund ...	18	18	5	6	2	2	1	2
196	Kerur ...	14	11	3	1	6	2	2	2
197	Talikot ...	24	21	4	2	4	3	1	4
198	Banahatti ..	22	27	10	10	2	2	3	3
199	Hunnur ...	6	11	2	2	1	...	...	4
200	Jamkhandi ...	12	10	4	3	3	2	3	7
201	Savulgi ...	14	13	3	3	1	...	1	2
202	Terdal ...	18	8	4	5	2	...	1	2
203	Rubkavi ...	14	16	7	4	2	3	1	3
204	Mudhol ...	6	10	1	1	1	5	1	2
205	Mahallugpuri ...	6	9	2	3	2	1	...	...
206	Leekapur ...	1	1	...	1	2	...	...	2
207	Ramdurg ...	21	24	6	3	2	4	3	8
	Kanara District.								
208	Karwar ..	13	5	2	4	3	4	7	2
209	Kumta ...	5	8	1	2	6	2	3	1
210	Gokarn ...	5	12	...	2	...	...	2	3
211	Honawar ...	10	8	...	5	1	1	1	...
212	Bhatkal ...	14	20	2	4	2	6	3	3
213	Halyal ...	3	5	1	...	...	...	3	2
214	Sirsi ...	9	13	...	2	4	4	5	6

No. IV—*contd.*

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages).		No.
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
32	33	34	35	36	37	38	39	40	41	42	43	1
5	8	6	9	6	1	6	7	11	31	101	114	173
4	5	3	2	10	7	8	6	12	17	64	61	174
3	7	11	7	2	3	9	7	18	16	93	106	175
5	6	3	4	3	3	9	7	16	15	61	51	176
9	14	7	10	10	6	13	7	17	14	109	85	177
5	7	6	3	11	6	17	3	24	23	112	95	178
7	4	7	5	7	3	15	6	19	21	112	91	179
1	4	7	4	1	6	8	3	7	8	48	57	180
...	2	3	6	3	2	7	5	6	7	41	47	181
3	7	5	3	5	10	8	4	13	10	52	55	182
3	8	15	6	11	3	7	10	18	23	96	84	183
4	5	5	4	4	1	10	3	17	19	75	64	184
2	5	1	1	4	3	4	1	11	18	44	53	185
...	8	2	1	2	1	2	...	4	9	40	61	186
1	1	2	...	3	...	6	4	8	8	50	31	187
2	2	7	4	2	...	8	1	9	7	47	29	188
8	7	12	10	17	4	5	2	29	12	14	86	189
42	49	39	53	40	23	50	21	127	83	472	402	190
18	29	13	11	27	12	23	9	62	53	260	263	191
16	21	9	17	21	12	18	15	42	39	228	208	192
15	7	8	10	20	14	22	10	45	51	271	263	193
...	4	6	4	1	2	6	3	8	13	55	38	194
4	4	5	3	9	3	10	9	17	15	83	80	195
5	17	11	3	16	8	16	6	20	15	115	74	196
7	12	3	3	10	3	13	5	15	18	108	90	197
11	8	4	11	6	5	11	5	24	17	123	115	198
5	6	1	1	2	...	2	...	9	10	32	39	199
8	16	12	14	15	9	14	7	44	39	141	118	200
3	2	4	3	4	...	5	1	5	10	53	43	201
2	9	1	4	5	2	4	2	19	22	65	74	202
6	10	4	3	3	4	8	2	13	12	73	68	203
3	5	9	3	7	2	8	6	21	23	65	61	204
4	5	1	7	3	3	7	1	13	15	48	51	205
...	...	4	1	1	...	1	...	4	6	14	13	206
5	11	10	6	8	4	15	7	38	18	130	94	207
18	6	16	6	22	7	20	6	23	19	142	67	208
6	4	7	8	16	15	15	6	12	16	83	68	209
1	5	4	2	2	2	6	1	8	16	33	47	210
2	2	7	4	1	5	8	10	12	20	46	68	211
6	7	8	5	6	3	8	11	19	18	82	89	212
4	7	4	2	7	4	5	2	9	6	42	50	213
7	8	12	4	21	9	12	7	16	17	129	95	214

No.	Districts and Towns.	Under one								
		Not exceeding one month.								Total.
		Male.				Female.				
		Within 24 hours.	Under one week.	Over one week.	Total.	Within 24 hours.	Under one week.	Over one week.	Total.	
1	2	3	4	5	6	7	8	9	10	11
	B—TOWNS —*concld.*									
	Sholapur District.									
215	Sholapur ...	12	218	168	393	5	139	141	285	678
216	Barsi ...	...	49	26	75	...	29	33	62	137
217	Pandharpur ...	...	30	43	73	...	34	32	66	139
218	Karkamb ...	...	3	3	6	...	1	...	1	7
219	Karmala ...	...	2	5	7	...	2	5	7	14
220	Kurduwadi ...	6	10	3	19	2	3	3	8	27
221	Mohol ...	...	5	1	6	...	5	3	8	14
222	Sangola ...	...	8	3	11	...	1	6	7	18
223	Vairag ...	...	3	3	6	...	...	2	2	8
224	Mangalwedhe ...	...	...	4	4	...	...	1	1	5
225	Maindargi ...	...	7	1	8	...	3	3	6	14
226	Dudhani ...	...	4	2	6	...	3	1	4	10
	Satara North.									
227	Satara ...	3	17	9	29	2	11	4	17	46
228	Wai ...	1	5	2	8	...	2	2	4	12
229	Karad ...	...	1	...	1	1	4	1	6	7
230	Mahableshwar ...	...	3	...	3	...	1	...	1	4
231	Mhaswad ...	...	1	...	1	1	1	...	2	3
232	Panchgani ...	...	2	...	2	...	...	1	1	3
233	Rahimatpur ...	1	1	...	2	...	1	...	1	3
234	Phaltan ...	...	3	1	4	...	4	1	5	9
235	Aundh ...	...	1	...	1	...	...	...	...	1
	Satara South.									
236	Kurundwad ...	...	4	4	8	...	2	2	4	12
237	Bhudhgaon ...	...	...	1	1	...	...	1	1	2
238	Deshing ...	...	...	6	6	...	2	3	5	11
239	Kavutha-piran ...	...	1	1	2	...	1	1	2	4
240	Malegaon ...	...	...	...	...	...	...	...	..	...

No. IV—*contd.*

year.

Above one month and below three months.			Above three months and below six months.			Above six months and below twelve months.			Total.		
Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
12	13	14	15	16	17	18	19	20	21	22	23
154	130	284	159	157	316	170	164	334	876	736	1,612
33	24	57	43	43	86	39	37	76	190	166	356
72	50	122	56	47	103	41	40	81	242	203	445
...	2	2	2	2	4	5	5	10	13	10	23
2	2	4	4	9	16	9	8	17	25	26	51
3	1	4	7	7	14	8	7	15	37	23	60
...	...	...	2	4	6	2	3	5	10	15	25
2	...	2	3	4	7	2	4	6	18	15	33
...	1	1	3	1	4	1	1	2	10	5	15
3	2	5	4	1	5	9	4	13	20	8	28
...	...	...	3	3	6	2	3	5	13	12	25
3	...	3	...	1	1	...	...	...	9	5	14
1	6	7	32	23	55	26	23	49	88	69	157
...	...	...	9	8	17	9	7	16	25	19	45
...	1	1	2	4	6	4	3	7	7	14	21
...	...	...	1	1	2	2	1	3	6	3	9
1	1	2	4	3	7	3	4	7	9	10	19
...	...	...	2	...	2	1	2	3	5	3	8
...	...	...	2	2	4	6	7	13	10	10	20
...	...	...	14	5	19	11	13	24	29	23	52
...	...	...	1	...	1	1	...	1	3	...	3
...	...	...	1	4	5	4	5	9	13	13	26
...	...	...	3	1	4	3	1	4	7	3	10
...	...	...	4	5	9	2	1	3	12	11	23
...	..	...	5	3	8	2	1	3	9	6	15
...	...	...	3	1	4	5	2	7	8	3	11

No.	Districts and Towns.	One and under five years.		Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	24	25	26	27	28	29	30	31
	B—TOWNS —*concld.*								
	Sholapur District.								
215	Sholapur ...	904	948	94	114	97	112	121	165
216	Barsi ...	154	154	25	17	22	26	26	28
217	Pandharpur ...	118	113	18	22	26	20	28	28
218	Karkamb ...	25	18	10	8	1	3	4	8
219	Karmala ...	16	20	4	3	7	3	5	10
220	Kurduwadi ...	22	14	6	7	7	5	12	5
221	Mohol ...	8	5	2	8	2	4	1	4
222	Sangola ...	15	8	6	3	7	1	3	2
223	Vairag ...	5	10	3	4	2	2	1	2
224	Mangalwedhe ...	19	17	4	3	3	2	7	6
225	Maindargi ...	20	13	3	4	2	3	3	5
226	Dudhani ...	5	5	1	2	1	1	...	1
	Satara District.								
227	Satara ...	70	74	12	13	11	9	11	21
228	Wai ...	22	26	2	9	6	5	4	11
229	Karad ...	14	27	3	3	5	5	7	6
230	Mahableshwar ...	6	4	1	1	...	1	...	1
231	Mhaswad ...	15	18	1	3	2	3	2	5
232	Panchgani ...	3	3	1	...	...	1	1	...
233	Rahimatpur ...	10	17	2	3	1	1	2	...
234	Phaltan ...	19	25	4	7	...	1	4	8
235	Aundh ...	7	8	4	2	1	...	2	...
	Satara South.								
236	Kurundwad ...	11	8	...	3	2	2	...	1
237	Bhudhgaon ...	10	6	2	1	1	1	4	...
238	Deshing ...	12	13	4	2	...	...	1	...
239	Kavutha-piran ...	6	...	1	3	...	...	...	1
240	Malegaon ...	15	8	4	3	...	1	1	2

No. IV—*contd.*

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages).		No.
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
32	33	34	35	36	37	38	39	40	41	42	43	1
155	214	154	196	147	118	177	113	495	435	3,220	3,151	215
30	42	25	35	32	23	30	18	89	98	623	607	216
30	30	34	37	42	31	50	35	130	118	718	637	217
10	8	5	8	7	6	2	6	17	23	94	98	218
5	7	7	7	6	3	5	6	17	22	97	107	219
7	8	7	10	6	8	8	2	29	31	141	113	220
2	5	3	4	5	2	4	3	17	14	54	64	221
10	9	5	2	5	3	5	3	21	13	95	59	222
3	3	4	3	2	4	7	3	12	15	49	51	223
4	3	7	5	15	8	7	5	38	34	124	91	224
5	8	5	7	9	3	5	3	17	17	82	75	225
...	...	4	...	2	1	2	4	6	2	30	21	226
27	38	23	28	20	17	29	28	91	72	382	369	227
14	14	8	9	9	3	19	12	61	34	171	142	228
8	14	4	5	9	5	13	13	31	30	101	122	229
2	5	2	1	1	...	1	1	10	9	29	26	230
5	7	2	3	4	2	13	2	23	17	16	70	231
5	1	1	4	2	...	1	1	3	6	22	19	232
6	3	1	4	...	7	10	4	12	24	54	23	233
6	13	13	16	9	5	16	7	29	32	129	137	234
5	10	1	1	3	...	2	4	11	7	39	32	235
5	12	...	2	5	6	12	5	16	27	64	79	236
2	6	3	3	3	3	3	5	11	10	46	38	237
3	2	...	3	1	2	2	2	8	8	43	43	238
1	2	3	2	3	1	4	2	20	11	47	28	239
6	2	1	...	7	3	5	1	10	9	66	32	240

No.	Districts and Towns	Under one								
		Not exceeding one month.								Total.
		Male,				Female.				
		Within 24 hours.	Under one week.	Over one week.	Total	Within 24 hours.	Under one week.	Over one week.	Total.	
1	2	3	4	5	6	7	8	9	10	11
	B—TOWNS —*contd.*									
	Satara South. —contd.									
241	Miraj ...	...	3	3	6	...	5	1	6	12
242	Sangli ...	...	12	3	15	...	11	2	13	28
243	Tasgaon ...	...	3	...	3	1	4	2	7	10
244	Islampur ...	...	1	...	1	...	...	...	...	1
245	Ashta ...	...	1	...	1	...	...	...	...	1
246	Jath ...	...	3	1	4	...	1	1	2	6
247	Vita ...	...	4	1	5	...	1	...	1	6
	Kolhapur District.									
248	Gadhinglaj ...	...	1	3	4	...	2	2	4	8
249	Hatkanagala ...	...	6	2	8	...	2	2	4	12
250	Ichalkaranji ...	...	3	5	8	...	8	4	12	20
251	Kagal ...	...	4	...	4	...	5	...	5	9
252	Kodali ...	...	1	6	7	...	2	3	5	12
253	Kolhapur ...	...	38	28	66	...	46	33	78	144
254	Kapashi ...	...	4	...	4	...	1	...	1	5
255	Malakapur ...	...	1	1	2	...	1	...	1	3
256	Murgud ...	...	2	3	5	...	3	2	5	10
257	Narsobawadi ...	...	2	...	2	...	...	2	2	4
258	Shirol ...	...	1	2	3	...	...	...	...	3
259	Vadagaon ...	...	6	...	6	...	9	2	11	17
	Total for Towns...	1,359	3,434	3,106	7,899	898	2,502	2,610	6,010	13,909
	Ratio per mille*...									
	Total for the Province.	...	17,160	11,581	28,741	...	12,856	9,809	22,665	51,406
	† Ratio per mille of population.	...	...	...	...	...	...	...	...	...

* To be calculated on births.

† Population being not available ratios cannot be worked out.

No. IV—*contd.*

year.

Above one month and below three months.			Above three months and below six months.			Above six months and below twelve months.			Total.		
Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
12	13	14	15	16	17	18	19	20	21	22	23
...	...	...	7	3	10	9	7	16	22	16	38
...	...	...	16	10	26	18	23	41	49	46	95
...	...	...	9	7	16	5	8	13	17	22	39
1	...	1	4	1	5	3	1	4	9	2	11
...	...	...	...	2	2	1	3	4	2	5	7
...	...	...	6	1	7	8	6	14	18	9	27
...	...	...	2	5	7	5	3	8	12	9	21
4	...	4	1	1	2	5	4	9	14	9	23
2	1	3	2	2	4	...	...	...	12	7	19
...	...	...	1	4	5	8	1	9	17	17	34
2	3	5	2	4	6	4	10	14	12	22	34
1	...	1	5	4	9	6	5	11	19	14	33
27	27	54	32	33	65	61	53	114	186	191	377
1	...	1	2	1	3	2	1	3	9	3	12
2	1	3	3	...	3	...	5	5	7	7	14
2	...	2	3	4	7	5	1	6	15	10	25
1	2	3	...	1	1	...	...	...	3	5	8
3	1	4	1	...	1	2	1	3	9	2	11
2	1	3	1	3	4	7	4	11	16	19	35
3,096	2,760	5,856	3,395	3,209	6,604	5,579	5,913	11,492	19,969	17,892	37,861
...	...	...	28,628	25,427	54,055	19,460	19,247	38,707	76,829	67,339	144,168
...	...	...	...	...	...	...	...	...	144·63*	136·21	140·57

No.	Districts and Towns.	One and under five years.		Five and under ten years.		Ten and under 15 years.		15 and under 20 years.	
		Male.	Female	Male.	Female,	Male	Female.	Male.	Female.
1	2	24	25	26	27	28	29	30	31
	B—TOWNS —*contd.*								
	Satara South. —contd.								
241	Miraj ...	55	51	13	13	12	19	15	19
242	Sangli ...	62	61	17	11	9	9	5	11
243	Tasgaon ...	23	25	2	5	1	1	4	4
244	Islampur ...	8	11	5	4	...	2	...	2
245	Ashta ...	6	11	...	3	...	2	...	4
246	Jath ...	17	6	3	8	...	1	3	6
247	Vita ...	8	19	7	8	2	3	2	1
	Kolhapur District.								
248	Gadhinglaj ...	11	7	1	6	...	1	...	3
249	Hatkanagala ...	14	8	2	1	...	...	...	1
250	Ichalkaranji ...	20	17	2	9	2	3	3	2
251	Kagal ...	8	16	6	8	...	1	...	1
252	Kodali ...	16	16	3	3	1	3	2	1
253	Kolhapur ...	213	274	64	63	30	43	41	57
254	Kapashi ...	3	4	1	1	...	2	...	...
255	Malakapur ...	3	4	...	2	...	2	...	...
256	Murgud ...	16	21	5	7	1	1	...	1
257	Narsobawadi ...	3	3	1	...	...	...	...	...
258	Shirol ...	9	15	6	3	2	2	2	2
259	Vadagaon ...	11	17	1	1	1	1	...	3
	Total for Towns...	15,932	16,889	2,945	3,159	1,766	1,920	2,216	2,653
	Ratio per mille* ...	...	...	...	...	...	...	...	...
	Total for the Province.	73,931	74,644	14,772	16,108	8,369	8,589	8,722	10,376
	†Ratio per mille... of population.	...	...	...	...	...	...	...	...

* To be calculated on births.

† Population being not available ratios cannot be worked out.

No. IV—*concld.*

20 and under 30 years.		30 and under 40 years.		40 and under 50 years.		50 and under 60 years.		60 years and upwards.		Total (all ages).		No.
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
32	33	34	35	36	37	38	39	40	41	42	43	1
42	54	47	36	63	33	60	19	100	70	429	330	241
17	38	20	23	17	22	31	23	126	91	313	335	242
5	8	2	4	7	3	4	4	22	31	87	101	243
2	4	1	4	2	4	4	3	30	29	61	56	244
7	6	7	5	2	2	12	3	27	23	63	64	245
4	4	3	3	7	7	6	6	21	11	82	61	246
6	9	3	6	2	1	5	4	19	19	66	79	247
2	8	3	2	2	3	5	2	9	12	47	53	248
1	3	1	...	...	2	3	...	14	11	47	33	249
10	9	10	10	9	4	8	6	46	37	127	114	250
6	7	7	9	8	...	8	6	22	33	77	103	251
2	1	2	2	3	1	2	1	17	11	67	53	252
96	111	94	117	95	76	135	74	273	259	122	1,265	253
1	4	2	3	3	2	1	2	7	10	27	31	254
4	4	1	2	...	...	...	1	5	5	20	27	255
...	1	4	5	1	1	6	1	6	13	54	61	256
...	2	2	1	1	3	4	1	5	5	19	20	257
1	1	1	2	1	1	2	3	13	11	46	42	258
1	1	4	4	2	3	2	...	16	17	54	66	259
5,825	6,519	5,493	4,944	5,973	3,427	6,972	3,715	13,818	12,480	80,909	73,598	
...	...	...	...	...	...	...	...	...	...	...	...	
9,536	24,042	19,996	19,339	21,015	14,807	26,563	18,581	61,581	58,748	331,317	312,573	
...	...	...	...	...	...	...	...	...	...	...	...	

ANNUAL FORM No. V.—DEATHS *registered according*
PROVINCE *during*

1	2				
		MID-YEAR ESTIMATED			
No.	Districts.	Hindus.		Muslims.	
		Male.	Female.	Male.	Female.
1	Bombay City	753,106	452,669	200,661	95,794
	Northern Registration District.				
2	East Khandesh	662,681	642,766	85,559	80,951
3	West Khandesh	489,820	475,786	28,095	26,401
4	Surat	885,328	867,563	87,925	84,945
5	Broach	279,286	260,429	94,736	88,673
6	Kaira	897,449	808,676	100,663	86,872
7	Panch Mahals	499,381	484,385	48,219	46,758
8	Ahmedabad	778,124	647,215	127,893	97,600
9	Panaskanta	335,045	288,686	42,628	34,934
10	Sabarkanta	191,369	159,968	24,348	19,357
	Central Registration District.				
11	Ahmednagar	570,672	551,151	33,347	34,051
12	Poona	760,056	736,211	48,693	36,245
13	Nasik	579,632	553,180	41,689	36,386
14	Thana	540,804	509,878	25,897	21,398
15	Bombay Suburban	90,324	66,801	21,971	14,062
16	Kolaba	390,211	422,928	18,008	17,774
17	Ratnagiri	949,419	863,429	41,487	54,673
	Southern Registration District.				
18	Belgaum	701,945	663,049	73,790	69,702
19	Dharwar	615,349	583,466	110,412	104,692
20	Bijapur	585,425	563,839	84,687	81,565
21	Kanara	203,042	197,142	19,415	19,584
22	Sholapur	616,730	579,931	60,053	56,470
23	Satara North	516,578	525,977	20,462	20,834
24	Satara South	438,079	417,929	41,531	39,621
25	Kolhapur	494,818	478,918	24,957	24,156
	Baroda Registration District.				
26	Baroda	543,387	480,117	57,687	49,661
27	Mehsana	748,312	727,290	57,003	51,483
28	Amreli	147,604	139,292	15,442	15,957
	Total for the Province ...	15,041,076	14,148,671	1,637,258	1,410,599

N.B.—"Christians" include Europeans and Anglo-Indians. "Hindus" include Hindus of all

to CLASSES *and* SEX *in the* DISTRICTS *of the* BOMBAY
the year 1949.

3

POPULATION FOR 1949.

Jains.		Christians.		Parsis.		Other Classes.		Total.		
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Total.
25,016	13,193	71,125	45,925	35,914	41,115	19,189	9,926	1,105,011	658,622	1,763,633
6,249	5,350	1,583	1,404	177	161	112	76	756,361	730,709	1,487,070
3,374	2,788	1,403	1,260	90	63	64	28	522,846	506,326	1,029,172
16,024	11,737	3,004	2,934	9,013	10,758	209	150	1,001,503	978,087	1,979,590
3,093	2,523	7,733	6,848	1,546	1,802	286	187	386,680	360,462	747,142
7,264	6,538	32,171	31,759	85	53	171	207	1,037,803	934,110	1,971,913
1,662	1,612	4,988	4,838	...	...	...	...	554,250	537,593	1,091,843
32,137	28,108	7,561	6,046	1,276	1,091	1,216	743	945,207	780,803	1,726,010
5,425	35,23	3,487	2,994	775	665	171	103	387,531	332,705	720,236
3,098	2,951	1,922	1,659	442	368	99	57	221,348	184,360	405,708
8,504	7,333	32,993	32,078	86	74	194	96	645,796	624,783	1,270,579
9,063	6,970	18,283	13,878	1,883	1,921	5,285	2,075	843,263	797,300	1,640,563
4,292	4,260	5,000	3,944	529	307	295	134	631,437	598,211	1,229,648
1,589	911	20,602	19,778	1,136	1,345	401	385	590,429	553,695	1,144,124
4,674	3,649	22,242	20,807	1,884	2,193	1,183	910	142,278	108,422	250,700
806	345	556	453	122	111	825	901	410,528	442,512	853,040
860	757	3,595	4,692	6	5	93	90	775,460	923,646	1,699,106
35,803	33,818	7,589	7,167	77	72	1,149	1,086	820,353	774,894	1,595,247
6,582	6,241	6,776	6,425	122	116	1,149	1,089	740,390	702,029	1,442,419
2,158	2,078	928	893	17	16	736	710	673,951	649,101	1,323,052
740	609	9,695	10,002	8	6	220	127	233,120	227,470	460,590
6,654	6,259	2,508	2,359	227	215	1,984	1,862	688,156	647,096	1,335,252
7,539	7,676	2,387	2,430	197	201	450	458	547,613	557,576	1,105,189
20,100	19,175	2,483	2,368	10	9	96	93	502,299	479,195	981,494
25,903	25,069	3,553	3,440	2	2	99	96	549,332	531,081	1,081,013
7,950	7,258	4,433	4,172	391	330	831	445	614,679	541,983	1,156,662
18,396	18,644	142	113	72	76	127	62	824,052	797,668	1,621,720
2,644	2.466	116	29	37	7	52	10	165,895	157,761	3,236,550
267,599	233,641	278,928	240,695	56,124	63,087	36,686	22,107	13,317,671	16,118,800	3,343,627

castes. "Other classes" include Buddhists, sikhs, Jews and all others.

1	2						
No.	Districts.	Hindus.		Muslims.		Jains.	
		Male.	Female.	Male.	Female.	Male.	Female.
1	Bombay City	15,941	13,051	4,076	2,863	335	275
	Northern Registration District.						
2	East Khandesh	16,904	16,191	969	956	35	22
3	West Khandesh	12,900	12,420	361	371	8	8
4	Surat	14,037	13,113	967	967	97	71
5	Broach	6,623	6,686	1,169	1,200	11	4
6	Kaira	15,521	14,454	1,434	1,324	59	59
7	Panch Mahals	7,598	7,663	257	239	13	13
8	Ahmedabad	17,265	17,040	2,245	2,171	424	422
9	Banaskanta	1,521	1,353	23	16	6	4
10	Sabarkanta	379	363	6	4	...	...
	Central Registration District.						
11	Ahmednagar	14,016	13,315	625	594	33	35
12	Poona	15,469	14,642	710	641	36	38
13	Nasik	15,289	14,297	965	787	24	14
14	Thana	9,368	8,362	279	211	16	14
15	Bombay Suburban	1,854	1,800	217	166	21	28
16	Kolaba	9,074	8,814	242	240	...	1
17	Ratnagiri	14,374	14,590	516	523	22	37
	Southern Registration District.						
18	Belgaum	13,179	12,645	1,121	1,090	538	537
19	Dharwar	12,997	12,251	1,640	1,582	72	59
20	Bijapur	13,671	12,847	1,705	1,550	78	78
21	Kanara	3,586	3,266	207	184	5	9
22	Sholapur	16,334	15,805	1,260	1,333	53	53
23	Satara North	11 521	11,062	169	153	2	3
24	Satara South	8,026	7,838	434	454	182	154
25	Kolhapur	10,636	10,361	465	421	343	306
	Baroda Registration District.						
26	Baroda	2,339	8,252	807	586	12	17
27	Mehsana	1,754	10,563	720	627	44	54
28	Amreli	2,960	2,609	201	178	4	1
	Total for the Province ...	31,336	285,653	23.800	21,429	2,473	2,298

No. V—*contd.*

4

NUMBER OF DEATHS REGISTERED.

Christians.		Parsis.		Other Classes.		Total.		
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Total.
1,262	970	463	409	169	121	22,246	17,689	39,935
10	9	...	...	...	3	17,918	17,181	35,099
10	7	...	...	...	...	13,279	12,806	26,085
20	15	82	57	38	34	15,241	14,257	19,498
7	10	10	8	3	1	7,833	7,909	15,742
340	371	...	...	9	10	17,363	16,218	33,581
4	3	...	...	...	...	7,872	7,918	15,790
116	116	9	11	7	7	20,066	19,769	39,835
...	--	...	...	...	...	1,550	1,373	2,923
...	...	...	...	...	...	385	367	752
114	126	...	...	...	...	14,788	14,070	28,858
60	83	9	15	25	13	16,309	15,432	31,741
22	15	...	...	2	3	16,302	15,116	31,418
156	132	4	...	...	...	9,823	8,719	18,542
161	134	4	6	4	1	2,261	2,135	4,396
...	...	...	...	...	...	9 316	9,055	18,371
27	15	...	...	...	1	14,939	15,166	30,105
54	40	1	...	...	...	14,893	14,312	29,205
69	44	...	...	5	1	14,783	13,937	28,720
2	6	...	...	3	1	15,459	14,482	29,941
135	136	...	...	...	...	3,933	3,595	7,528
23	27	...	...	...	...	17,670	17,198	34,868
3	...	...	...	...	...	11,695	11,218	22,913
14	3	...	...	1	...	8,667	8,449	17,106
21	16	—	...	...	...	11,465	11,104	22,569
14	11	1	2	138	88	9,511	8,956	18,467
7	4	...	...	56	99	12,581	11,345	23,926
1	2	...	...	13	7	3,179	2,797	5,976
2,652	2,295	583	508	473	390	331,317	312,573	643,890

1	2						
		RATIO OF DEATHS					
No.	Districts.	Hindus.		Muslims.		Jains.	
		Male.	Female.	Male.	Female.	Male.	Female.
1	Bombay City	21·16	28·83	20·31	29·88	13·39	20·84
	Northern Registration District.						
2	East Khandesh	25·51	25·19	11·32	11·81	5·62	4·11
3	West Khandesh	26·34	26·10	12·85	14·06	2·42	2·86
4	Surat	15·85	15·11	10·99	11·38	6·05	6·04
5	Broach	23·71	25·67	12·43	10·31	5·25	1·58
6	Kaira	17·30	17·87	13·53	15·24	8·23	9·02
7	Panch Mahals	15·21	15·82	5·32	5·11	7·82	8·06
8	Ahmedabad	22·27	26·32	17·55	22·24	13·19	15·08
9	Banaskanta	4·53	4·58	·53	·45	1·10	·75
10	Sabarkanta	1·95	2·26	·25	·02	...	...
	Central Registration District.						
11	Ahmednagar	21·70	21·31	·96	·95	·05	·05
12	Poona	9·44	8·92	·43	·39	·02	·02
13	Nasik	24·22	13·89	1·52	1·31	·03	·02
14	Thana	15·86	15·10	·47	·38	·02	·02
15	Bombay Suburban	4·21	18·23	1·66	1·68	·16	·28
16	Kolaba	22·10	13·14	·59	·54	...	·02
17	Ratnagiri	18·53	15·79	·66	·56	·02	·04
	Southern Registration District.						
18	Belgaum	18·77	19·07	15·90	15·64	15·03	15·86
19	Dharwar	21·12	20·99	14·85	15·11	10·94	9·45
20	Bijapur	23·85	22·78	20·13	19·00	36·14	37·53
21	Kanara	17·62	16·57	10·61	9·40	6·76	14·23
22	Sholapur	26·48	27·25	20·98	23·60	7·96	5·27
23	Satara North ...	92·30	21·03	8·26	7·34	·26	·39
24	Satara South	18·31	18·75	10·45	11·46	9.05	8·03
25	Kolhapur	21·49	21·63	18·63	17·43	13·24	12·21
	Baroda Registration District.						
26	Baroda	15·7	17·8	13·9	11·8	1·5	2·3
27	Mehsana	15·7	14·4	12·4	13·1	2·3	2·8
28	Amreli	20·1	18·7	12·6	11·1	1·5	0·6
	Total for the Province ...	20·34	20·19	14·54	15·17	9·25	9·84

No. V—*concld.*

5

PER 1,000 OF ESTIMATED POPULATION.

Christians.		Parsis.		Other Classes.		Total.		
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Total.
17·74	21·12	12·89	9·94	8·80	12·19	20·13	26·85	22·64
6·32	6·41	...	...	...	38·96	24·84	23·52	24·18
·71	·55	...	...	...	...	25·40	26·29	25·36
6·65	5·11	9·09	3·29	1·81	226·66	15·22	14·58	14·90
1·90	1·46	6·46	4·43	10·49	·53	20·31	21·94	21·23
10·51	11·67	...	...	52·62	48·31	16·73	17·36	17·02
·80	·62	...	...	...	...	14·20	14·72	14·46
15·34	19·18	7·05	10·08	5·75	9·49	21·22	25·31	23·07
...	...	...	...	...	...	4·00	4·12	4·05
...	...	...	...	...	...	1·73	1·99	1·85
·17	·11	...	...	...	...	22·90	22·52	22·71
·04	·05	·01	·01	·01	·01	19·34	19·35	19·34
·03	·02	...	...	·003	·005	25·82	25·27	25·55
·26	·23	·01	...	...	...	16·64	15·74	16·20
1·23	1·44	·03	·06	·03	·01	15·89	19·69	17·53
...	...	...	...	...	...	22·69	20·46	21·53
·03	·01	...	...	...	·001	19·26	16·41	17·78
7·11	5·53	12·98	...	...	...	18·15	18·47	18·31
10·98	6·85	...	...	4·35	·92	19·97	19·85	19·91
2·15	6·72	...	...	4·07	1·40	22·94	22·33	22·63
13·92	13·59	...	...	...	...	16·87	15·80	16·34
9·17	11·44	...	...	...	...	25·68	26·58	26·11
1·26	...	...	...	...	...	21·36	20·12	20·73
5·64	1·27	...	...	10·41	...	17·23	17·63	17·43
5·91	4·65	...	...	...	...	20·87	20·88	20·88
3·1	2·6	2·5	6·06	166·06	197·7	15·4	15·5	16·9
49·2	35·3	...	...	440·9	1509·6	15·2	14·2	14·7
8·6	68·9	...	...	250·0	700·0	19·1	17·7	18·2
9·51	9·53	10·39	8·05	12·89	17·64	19·13	19·39	19·25

ANNUAL FORM No. VI.—DEATHS *registered from*
BOMBAY PROVINCE
(*Details regarding Births*

1	2	3	4			
			Births.			
No.	Districts and Towns.	Mid-year estimated Population for 1949.	Male.	Female.	Total.	Birth-rate.
	A—DISTRICTS (EXCLUDING TOWNS).					
	Northern Registration District.					
1	East Khándesh	1,075,55)	19,274	18,203	37,477	35·76
2	West Khándesh	877,836	18,599	17,392	35,991	41·01
3	Surat	1,645,636	21,452	19,995	41,447	25·18
4	Broach	608,254	8,515	8,011	16,526	27·18
5	Káira	1,610,654	17,859	15,273	33,132	20·57
6	Panch Maháls	978,450	10,283	9,480	19,763	20·19
7	Ahmedabad	871,549	10,168	9,056	19,224	22·05
8	Banas Kantha	686,520	2,418	2,134	4,552	6·63
9	Sabar Kantha	387,820	562	485	1,047	2·70
	Central Registration District.					
10	Ahmednagar	1,139,224	20,114	18,869	38,983	34·22
11	Poona	1,640,563	18,793	17,319	36,112	31·14
12	Násik	1,016,630	20,409	19,060	39,469	36·98
13	Thána	1,012,014	11,439	10,716	22,155	21·89
14	Bombay Suburban	21,676	482	457	939	43·31
15	Kolába	186,304	10,265	9,626	19,891	25·29
16	Ratnágiri	1,613,242	22,261	20,581	42,842	26·70
	Southern Registration District.					
17	Belgáum	1,407,010	28,652	26,804	55,456	39·41
18	Dhárwár	1,072,818	23,562	22,570	46,132	43·00
19	Bijápur	1,091,788	22,681	21,351	44,032	40·33
20	Kánara	386,425	7,728	7,313	15,041	38·92
21	Sholápur	963,273	18,593	17,495	36,088	37·46
22	Sátára North	991,281	19,674	18,897	38,571	38·91
23	Satara South	823,213	13,680	12,694	26,374	32·03
24	Kolhapur	900,754	19,059	18,175	37,234	41·33
	Baroda Registration District.					
25	Baroda	915,860	8,841	8,018	16,859	18·4
26	Mehsana	1,429,915	13,885	12,829	26,714	18·6
27	Amreli	262,401	3,769	3,623	7,392	28·1
	Total of Districts ...	26,223,598	404,359	376,955	781,314	29·79

different causes in the DISTRICTS *and* TOWNS *of the*
during the year 1949.
also shown in column 4.)

5	6	7	8	9	10	11	
						INJURIES.	
						Suicide.	
Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Male.	Female.
50	162	43	14,445	530	5,275	3	1
339	104	234	10,195	160	3,186	...	...
67	69	.....	13,655	228	1,986	8	6
.....	150	.....	9,321	106	945	...	...
3	118	.....	11,852	487	4,460	1	...
2	94	.....	10,904	74	1,123	4	5
.....	281	.....	10,279	167	1,237	2	6
.....	52	.....	2,505	1	94	...	...
.....	7	.....	605	4	25	...	...
167	366	101	6,099	1,213	6,924	1	1
30	381	261	8,367	1,136	3,991	2	2
407	259	54	8,936	621	3,578	2	1
88	302	.....	6,914	410	2,948	14	9
1	35	.....	190	57	124	...	...
68	126	10	8,519	638	2,793	10	7
4	278	.....	9,057	433	6,736	2	...
68	28	7	7,522	2,145	4,038	30	36
11	95	13	8,582	426	2,964	46	76
16	102	22	11,200	1,171	3,874	57	62
2	16	.....	1,771	399	697	16	23
257	195	40	9,224	608	1,803	30	91
230	243	263	7,956	810	2,108	5	10
124	93	.....	5,129	951	1,722	9	10
93	24	3	7,948	1,449	2,957	7	2
.....	169	.....	10,831	33	119	...	...
2	157	.....	17,438	37	147	...	1
.....	233	.....	4,054	71	104	2	4
2,030	4,553	1,051	233,790	14,863	65,867	252	353

1	2	11					12	13
		INJURIES—*contd.*						
No.	Districts and Towns.	Wounding or Accident.	Snake-bite.	Killed by Wild beast.	Rabies.	Total.	All other causes	Total deaths from all causes.
	A—DISTRICTS (EXCLUDING TOWNS).							
	Northern Registration District.							
1	East Khandesh	102	14	1	...	121	7,958	27,584
2	West Khandesh	66	48	3	...	117	8,820	23,155
3	Surat	186	26	2	...	228	5,809	22,042
4	Broach	59	5	3	...	67	2,601	13,190
5	Kaira	118	8	1	1	129	8,698	25,747
6	Panch Mahals	57	24	1	...	91	2,290	14,578
7	Ahmedabad...	113	12	...	1	134	2,774	14,872
8	Banas Kantha	16	4	...	...	20	244	2,916
9	Sabar Kantha	3	...	...	...	3	45	689
	Central Registration District.							
10	Ahmednagar	221	51	...	...	274	11,289	26,433
11	Poona	276	56	6	...	342	7,274	21,782
12	Nasik	151	42	3	...	199	12,513	26,567
13	Thana	215	100	1	...	339	5,209	16,210
14	Bombay Suburban	6	...	...	...	6	162	575
15	Kolaba	122	11	15	...	165	4,716	17,035
16	Ratnagiri	182	40	5	...	229	11,938	28,675
	Southern Registration District.							
17	Belgaum	299	48	...	6	419	11,872	26,099
18	Dharwar	179	41	2	11	355	9,687	22,133
19	Bijapur	315	43	1	12	490	8,627	25,502
20	Kanara	95	6	1	2	143	3,479	6,507
21	Sholapur	104	66	...	2	293	12,047	24,467
22	Satara North	235	67	...	2	319	8,991	20,920
23	Satara South	222	52	...	2	295	6,133	14,447
24	Kolhapur	213	44	...	4	270	6,145	18,889
	Baroda Registration District.							
25	Baroda	12	...	...	...	12	109	11,276
26	Mehsana	14	...	...	1	16	96	17,878
27	Amreli	36	1	...	...	43	189	4,727
	Total of Districts ...	3,668	809	45	45	5,172	162,057	489,383

No. VI—*contd.*

14

RATIO OF DEATHS PER 1,000 OF POPULATION.

Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Injuries.	All other causes.	From all causes. For the year.	From all causes. Mean of previous five years.
·04	·15	·03	13·23	·49	4·50	·11	7·28	25·83	31·81
·41	·12	·27	11·61	·18	3·63	·13	10·03	26·38	29·36
·04	·04	...	8·3	·14	1·20	·14	3·53	13·39	21·18
.....	·25	...	15·33	·18	1·55	·11	4·27	21·69	30·77
·00	·07	...	7·35	·30	2·76	·08	5·42	15·98	24·84
·00	·10	...	11·13	·08	1·15	·09	2·35	14·90	21·34
.....	·32	...	11·79	·19	1·41	·15	3·20	17·06	22·99
.....	·08	...	3·65	·00	·14	·03	·34	4·24	.....*
.....	·02	...	1·54	·01	·07	·01	·12	1·77	.....*
·15	·32	·09	5·34	1·07	6·08	·25	10·60	23·20	22·21
·04	·31	·23	7·21	·93	3·44	·29	6·26	18·78	20·90
·40	·25	·05	8·79	·61	3·51	...	12·30	26·13	28·92
·09	·30	...	6·83	·39	2·92	·33	5·15	16·01	16·79
·05	1·61	...	8·76	2·63	3·73	·28	7·48	26·52	11·77
·09	·16	·01	1·83	·81	3·63	·21	5·90	21·66	22·75
·02	·17	...	5·65	·27	4·21	·14	7·43	17·87	28·09
0·64	0·02	0·01	5·34	1·52	2·87	·30	8·44	18·55	23·94
·01	0·08	0.02	8·00	0·40	2·76	0·33	9·03	20·63	27·04
0·02	0·09	0·02	10·26	1·07	3·55	0·45	7·90	23·36	26·59
0·005	0·04	...	4·66	1·05	1·83	0·38	9·15	17·11	23·18
0·27	0·20	0·04	9·57	0·63	1·87	0·39	12·53	26·41	28·14
0·23	0·25	0·27	8·03	0·82	2·13	0·52	9·07	21·10	23·26
0·15	0·11	..	6·23	1·16	2·09	0·36	7·45	17·55	.....
0·90	0·03	0·003	8·82	1·61	3·28	0·30	6·82	20·97	.....
.....	·1	...	11·8	·03	·2	·01	·1	12·3	21·1
·001	·09	...	12·1	·02	·1	·01	·06	12·5	20·06
.....	·5	...	15·4	·2	·3	·1	·7	14·1	27·08
·08	·17	·04	8·91	·57	2·51	·20	6·18	18·66	24·53

* Newly reconstructed District.

1	2	3	4			
			Births.			
No.	Districts and Towns.	Mid-year estimated population for 1949.	Male.	Female.	Total.	Birth-rate.
	B—TOWNS.					
1	Bombay City	1,763,633	29,786	28,294	58,080	32·93
	East Khándesh District.					
2	Jalgaon	64,187	1,048	935	1,983	30·89
3	Nasírabad	14,392	251	221	472	32·80
4	Asoda	8,458	167	143	310	36·62
5	Yawal	14,496	253	221	474	32·70
6	Faizpur	13,120	251	209	460	35·07
7	Erandol	17,492	244	270	514	29·42
8	Dharamgaon	20,904	385	368	753	36·02
9	Kasoda	7,596	167	139	306	40·29
10	Amalner	43,193	564	481	1,045	24·19
11	Párola	17,617	285	325	610	34·63
12	Chálisgaon	26,955	589	488	1,079	39·95
13	Pachora	11,640	134	110	244	20·96
14	Nagardeola	7,345	169	118	287	39·27
15	Bhudgaon	9,258	227	178	405	43·75
16	Chopda	24,969	305	278	583	23·35
17	Adawad	6,481	103	52	155	23·91
18	Raver	11,279	208	181	389	34·49
19	Savda	12,183	148	171	319	26·18
20	Bhusáwal	43,371	820	678	1,498	34·55
21	Varamgaon	7,744	140	129	269	34·74
22	Bodwad	8,505	157	129	286	33·62
23	Jamner	9,484	189	146	335	35·31
24	Shendurni	10,871	189	176	365	33·67
	West Khandesh District.					
25	Dhulia	66,697	861	810	1,671	25·05
26	Nandurbár	26,630	407	333	740	27·78
27	Sindkheda	7,545	147	126	273	36·18
28	Betawad	4,907	93	82	175	35·66

No. VI—*contd.*

5	6	7	8	9	10	11	
						Injuries	
						Suicide.	
Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Male.	Female.
.....	559	2	2,165	1,584	12,974	9	3
.....	.....	...	335	22	134	...	...
.....	.....	...	143	11	58	...	...
.....	.....	...	53	...	34	...	...
.....	7	...	101	6	48	...	...
.....	.....	5	156	...	34	...	...
.....	.....	24	155	15	52	...	...
6	.....	4	208	93	67	...	...
.....	.....	...	139	1	26	...	...
.....	.....	...	328	18	93	...	...
.....	.....	...	223	15	79	...	...
14	5	...	411	40	80	...	...
.....	5	...	106	13	17	...	...
.....	.....	...	70	4	19	...	...
1	4	...	101	...	40	...	...
.....	.....	...	98	16	42	...	...
.....	.....	...	45	...	34	...	...
.....	.....	...	37	19	34	...	...
.....	.....	...	37	10	35	...	...
.....	.....	...	305	14	86	...	...
.....	.....	...	91	4	29	...	...
.....	.....	...	67	2	33	...	...
.....	.....	...	123	2	31	...	...
.....	.....	...	110	5	64	...	...
4	23	6	532	111	171	...	...
.....	.....	4	192	20	91	...	...
2	.....	...	78	...	59	...	...
2	.....	...	41	...	29	...	...

1	2	11					12	13
		INJURIES—*contd.*						
No.	Districts and Towns.	Wounding or Accident.	Snake-bite.	Killed by Wild beast.	Rabies.	Total.	All other causes.	Total deaths from all causes.
	B—TOWNS.							
1	Bombay City	1,194	2	1	3	1,212	21,439	39,935
	East Khandesh District.							
2	Jalgaon	8	...	...	...	8	586	1,085
3	Nasirabad	7	1	...	...	8	121	341
4	Asoda	1	...	...	...	1	73	161
5	Yawal	...	...	...	...	...	52	214
6	Faizpur	1	...	...	...	1	27	223
7	Erandol	...	...	...	...	...	137	383
8	Dharamgaon	2	...	...	...	2	58	438
9	Kasoda	1	...	...	...	1	52	217
10	Amalner	2	1	...	...	3	206	648
11	Parola	2	...	...	...	2	107	426
12	Chalisgaon	...	...	...	...	...	87	637
13	Pachora	4	...	...	...	4	55	200
14	Nagardeola	...	...	...	...	...	17	110
15	Bhudgaon	...	1	...	...	1	98	245
16	Chopda	...	1	...	...	1	160	317
17	Adawad	...	...	...	...	...	13	92
18	Raver	1	...	...	...	1	97	188
19	Savda	1	...	...	...	1	95	178
20	Bhusawal	14	...	...	...	14	278	707
21	Varamgaon	2	...	...	...	2	26	152
22	Bodwad	2	...	...	...	2	32	136
23	Jamner	2	...	...	...	2	16	174
24	Shendurni	...	...	...	...	...	64	243
	West Khandesh District.							
25	Dhulia	...	...	...	...	...	417	1,264
26	Nandurbar	5	1	...	...	6	189	502
27	Sindkheda	2	...	...	...	2	66	207
28	Betawad	1	...	...	...	1	36	109

o. VI—*contd.*

14

Ratio of Deaths per 1,000 of Population.									
olera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Injuries.	All other causes.	From all causes. For the year.	From all causes. Mean of previous five years.
...	·31	·00	1·22	·89	7·35	·68	12·15	22·64	23·71
...	...	...	5·21	·34	2·09	·12	9·14	16·90	19·33
...	...	...	9·93	·76	4·03	·55	8·50	23·77	27·96
...	...	...	6·26	...	4·02	·11	8·63	19·02	31·29
...	·48	...	6·91	·48	3·31	...	3·58	14·76	21·87
...	...	·38	11·91	...	2·58	·07	2·06	17·00	15·94
...	...	1·37	8·89	·85	2·97	...	9·85	21·93	25·80
·28	...	·19	9·98	4·45	3·20	·09	2·77	20·96	24·97
...	...	...	18·04	·13	3·42	·13	6·86	28·58	33·21
...	...	...	7·59	·33	2·53	·06	4·50	15·01	17·02
...	...	...	12·65	·85	4·48	·11	6·08	24·17	25·19
·51	·18	...	15·27	1·48	2·96	...	3·22	23·62	25·50
..	·42	...	9·10	1·14	1·46	·34	4·72	17·18	20·38
..	...	...	9·53	·54	2·58	...	2·32	14·97	23·63
·10	·43	...	10·90	...	4·31	·10	10·59	26·43	30·71
..	...	...	3·96	·63	1·68	·03	6·40	12·70	17·48
..	...	...	6·94	...	5·24	...	2·01	14·19	21·77
..	...	...	3·29	1·69	3·01	·08	8·60	16·67	30·51
.	...	...	3·03	·82	2·89	·08	7·80	14·62	20·79
.	...	...	7·03	·32	2·23	·32	6·40	16·30	17·05
.	...	...	11·75	·54	3·74	·05	3·35	19·63	31·71
.	...	...	7·87	·23	3·88	·23	3·85	15·99	26·24
.	...	...	12·98	·21	3·26	·21	1·68	18·34	26·99
.	...	...	10·45	·45	5·88	...	5·88	22·36	26·69
·06	·35	·09	7·97	1·67	2·57	...	6·24	18·95	20·01
·15	...	...	7·21	·75	3·42	·23	7·09	18·85	26·25
·27	...	...	10·34	·27	7·82	·27	8·74	27·44	27·89
·41	...	...	8·35	...	5·91	·20	7·34	22·21	30·17

1	2	3	4			
			Births.			
No.	Districts and Towns.	Mid-year estimated Population for 1949.	Male.	Female.	Total.	Birth rate.
	B.—TOWNS—*contd.*					
	West Khandesh District—contd.					
29	Shirpur	14,404	251	258	509	35·3
30	Shahada	10,200	87	62	149	14·6
31	Taloda	13,064	201	214	415	31·9
32	Nawapur	7,889	147	149	296	37·0
	Surat District.					
33	Surat	1,88,310	4,348	4,098	8,446	44·8
34	Rander	16,770	233	230	463	27·6
35	Bardoli	8,485	186	159	345	40·6
36	Bulsar	25,170	628	560	1,188	47·1
37	Pardi	7,223	183	194	377	52·1
38	Bansda	6,515	20	13	33	5·0
39	Gandevi	10,226	409	474	883	35·0
40	Bilimora	14,960				
41	Vyara	8,417	179	196	375	31·5
42	Kathore	6,588	158	156	314	
43	Variav	3,375				
44	Songadh	2,985	61	56	117	39·1
45	Navsari	28,715	781	747	1,528	53·2
46	Dharampur	6,215	21	19	40	6·4
	Broach District.					
47	Broach	73,785	1,287	1,223	2,510	34·0
48	Amod	8,513	89	69	158	18·5
49	Jambusar	16,332	304	291	595	36·4
50	Ankleshwar	16,379	345	295	640	39·0
51	Hansot	6,099	109	92	201	32·9
52	Rajpipla	17,780				N
	Kaira District.					
53	Kaira	7,702	177	136	313	40·
54	Mehmedabad	8,425	238	232	641	54·
55	Nadiad	56,443	1,188	1,028	2,216	39·
56	Mahudha	8,889	221	206	427	48·
57	Borsad	20,053	505	499	1,004	50·
58	Anand	21,729	473	455	928	42·
59	Umreth	18,757	456	388	844	44·
60	Dakor	11,571	220	235	455	39·
61	Kapadvanj	23,525	640	540	1,180	50·
62	Matar	4,444	73	45	118	26·
63	Petlad	40,773				N
64	Sogitra	19,773				
65	Vaso	14,220	1,203	1,071	2,274	26·
66	Dharmaj	12,456				
67	Bhadran	10,120	122	113	235	23·
68	Atarsumba	4,179	61	43	104	24·
69	Balasinag	18,670	195	202	397	21·
70	Cambay	59,530	172	199	371	6·
	Panch Mahals District.					
71	Godhra	47,719	488	439	927	19·
72	Dohad	12,666	473	375	848	66·
73	Jhalod	9,442	119	93	212	22·
74	Kalol	7,029	133	89	222	31·
75	Halol	7,115	134	122	256	35·
76	Sanjeli	1 503				
77	Baria	9,221				N
78	Santrampur	4,438				
79	Lunawada	14,260				

No. VI—*contd.*

5	6	7	8	9	10	11	
						Injuries	
						Suicide.	
Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Male.	Female.
...	...	...	44	...	94	...	...
12	2	2	22	...	23	...	...
47	...	...	58	4	39	...	...
...	1	...	65	...	27	...	...
1	113	...	1,251	244	1,173	3	2
...	...	...	221	1	45	...	...
...	...	...	25	8	38	...	...
...	2	...	34	12	52	...	...
...	1	...	46	...	18	...	...
...	...	...	13	...	4	...	...
...	...	...	76	58	66	...	...
2	...	...	24	6	34	...	...
	...	...	123	17	14	...	...
...	...	...	36	1	5	...	...
..	2	...	433	42	47	...	...
..	...	...	47	...	2	...	...
...	31	...	374	31	156	1	1
...	...	..	62	...	4	...	...
...	78	...	282	14	37	...	...
...	...	..	277	4	8	...	...
...	...	...	73	...	8	...	...
eceived.							
...	11	...	151	3	29	...	...
...	3	...	170	11	36	...	...
...	11	...	1,210	18	84	...	...
...	...	...	122	28	67	...	...
...	1	...	354	31	60	...	...
...	3	...	256	39	114	...	...
...	64	...	347	12	73	...	...
...	23	...	153	23	104	...	...
...	...	...	226	15	71	...	...
...	...	.	18	...	23	...	...
eceived.							
...	2	...	1,040	30	107	...	...
...	...	...	123	...	...	...	...
...	...	...	46	4	8	...	...
...	18	...	140	27	25	...	...
...	...	...	197	6	6	...	...
...	15	...	357	8	34	...	...
...	6	...	266	29	55	...	...
...	2	...	84	...	11	...	...
...	...	...	68	1	9	...	...
...	...	...	41	1	5	...	...
eceived.							

1	2	11					12	13
		INJURIES—*contd.*						
No.	Districts and Towns.	Wounding or Accident.	Snake-bite.	Killed by wild beast.	Rabies.	Total.	All other causes.	Total death from all cause
	B.—TOWNS—*contd.*							
	West Khandesh District—contd.							
29	Shirpur	6	...	...	...	6	99	24
30	Shahada	1	...	...	...	1	76	13
31	Taloda	1	1	...	...	2	165	31
32	Nawapur	3	...	...	...	3	56	15
	Surat District.							
33	Surat	50	2	...	1	58	2,379	5,21
34	Rander	...	...	...	...	...	49	31
35	Bardoli	...	...	...	...	...	59	13
36	Bulsar	7	...	...	...	7	189	29
37	Pardi	2	1	...	...	3	49	11
38	Bansda	1	...	...	...	1	12	3
39	Gandevi	...	...	...	...	...	88	28
40	Bilimora							
41	Vyara	1	...	...	...	1	58	12
42	Kathore	...	...	...	...	...	38	19
43	Variav							
44	Songadh	...	...	...	...	...	17	5
45	Navsari	2	...	...	...	2	104	63
46	Dharampur...	...	...	...	...	...	5	5
	Broach District.							
47	Broach	14	...	...	...	16	937	1,54
48	Amod	1		...	...	1	23	9
49	Jambusar	1	...	...	...	1	71	48
50	Ankleshwar...	1	...	...	...	1	42	33
51	Hansot	12	...	...	...	12	9	10
52	Rajpipla							
	Kaira District.							
53	Kaira	3	...	1	...	4	37	23
54	Mahmedabad	..	...	...	...	...	65	28
55	Nadiad	10	...	...	...	10	513	1,8
56	Mahudha	1	...	...	...	1	110	33
57	Borsad	...	...	...	...	...	206	63
58	Anand	14	...	1	...	15	299	73
59	Umreth	10	...	...	...	10	127	63
60	Dakor	8	1	..	...	9	78	39
61	Kapadvanj	5	...	...	...	5	163	49
62	Matar	1	...	...	...	1	56	
63	Petlad							
64	Sogitra							
65	Vaso	11	...	...	...	11	212	1,4
66	Dharmaj							
67	Bhadran	...	...	...	...	...	...	1
68	Atar Sumba	...	...	...	...	...	10	
69	Balasinag	3	...	...	...	3	71	23
70	Cambay	...	...	...	...	...	76	28
	Panch Mahals District.							
71	Godhra	...	...	...	...	...	77	4
72	Dohad	...	...	...	...	...	83	4
73	Jhalod	2	...	...	...	2	16	1
74	Kalol	2	...	...	...	2	21	1
75	Halol	...	...	...	...	...	19	
76	Sanjeli							
77	Baria							
78	Santrampur...							
79	Lunawada							

No. VI—*contd.*

14

Ratio of Deaths per 1,000 of Population.

Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Injuries.	All other causes.	From all causes. For the year.	From all causes. Mean of previous five years.
...	...	...	3·06	...	6·53	·42	6·87	16·88	23·83
1·18	·20	·20	2·15	...	2·25	.10	7·45	13·53	29·93
3·60	...	...	4·44	0·31	2·98	·15	12·64	24·12	25·04
...	·13	...	8·24	...	3·42	·38	7·10	19·27	19·40
·00	·60	...	6·63	1·31	6·23	·30	12·64	27·71	31·73
...	...	...	13·19	0·10	2·69	...	2·86	18·84	21·01
...	...	...	2·95	0·94	4·49	...	6·94	15·32	20·86
...	·08	...	1·35	0·48	2·06	·28	7·51	11·76	14·85
...	·13	...	6·37	...	2·50	·42	6·78	16·20	115·83
...	...	...	2·00	...	0·61	·15	1·84	4·60	...
...	...	...	2·99	2·31	2·63	...	3·50	11·43	...
...	...	...	2·86	·71	4·04	·11	6·89	14·61	...
·20	...	...	12·35	1·70	1·41	...	3·81	19·47	...
...	...	...	12·07	·33	1·68	...	5·69	19·77	...
...	·06	...	15·09	1·47	1·64	·06	3·62	21·94	...
...	...	...	7·58	...	0·32	...	·80	8·70	...
...	·42	...	5·04	·42	2·12	·22	12·71	20·93	24·32
...	...	...	7·40	...	0·44	·10	2·64	10·58	14·82
...	4·77	...	17·18	1·11	2·12	·06	4·33	29·57	27·27
...	...	...	16·90	·24	0·48	·06	2·57	20·25	26·07
...	...	...	11·97	...	1·30	1·95	1·48	16·70	16·43
...	1·42	...	19·61	0·39	3·77	·53	4·80	30·52	27·58
...	·35	...	20·17	1·28	4·12	...	7·78	33·70	35·17
...	·20	...	21·44	·32	1·49	·18	9·08	32·71	29·07
...	·11	...	13·61	3·15	7·55	·11	12·38	36·91	36·33
...	·05	...	17·65	1·55	3·0	...	10·27	32·52	29·83
...	·14	...	11·78	1·80	5·26	·70	13·72	33·40	33·73
...	3·41	...	18·50	·63	3·89	·52	6·80	33·75	31·39
...	1·98	...	13·22	1·98	8·97	·81	6·75	33·71	33·12
...	·21	...	9·34	·74	3·09	·21	6·81	20·40	26·40
...	...	...	4·04	...	5·07	·22	12·72	22·05	29·88
...	·02	...	11·92	·31	·	·13	2·44	16·07	...
...	...	...	12·15	...	...	...	...	12·15	...
...	...	...	11·01	·96	1·92	...	2·39	16·28	...
...	·98	...	7·54	1·49	1·35	·18	3·68	15·22	...
...	...	...	3·30	...	·10	...	1·38	4·78	...
...	·31	...	7·46	·17	·71	...	1·61	10·28	9·86
...	·47	...	21·00	2·19	4·35	...	6·55	34·66	29·99
...	·21	...	8·90	...	1·17	·21	1·69	12·18	14·43
...	...	...	9·67	·14	1·28	·28	2·99	14·36	16·06
...	...	...	5·76	·14	·70	...	2·67	9·27	12·73

1	2	3	4			
			Births.			
No.	Districts and Towns.	Mid-year estimated Population for 1949.	Male.	Female.	Total.	Birt rate
	B—TOWNS—*contd.*					
	Ahmedabad District.					
80	Ahmedabad	7,17,459	15,016	13,942	28,958	40·3
81	Dhandhuka	12,875	265	264	529	41·0
82	Dholera	4,067	58	69	127	31·2
83	Ranpur	8,440	162	138	300	35·5
84	Sanand	9,908	142	136	278	28·0
85	Viramgaon	32,548	509	510	1,019	31·3
86	Mandal	6,164	100	94	194	31·4
87	Patdi	8,040	135	134	269	33·4
88	Prantij	9,068	184	220	404	44·5
89	Modasa	13,906	197	151	348	25·0
90	Dholka	20,113	428	475	903	44·8
91	Ahmedabad Cantonment	3,503	33	37	70	19·9
92	Dehgam	8,370	226	211	437	52·2
	Banaskanta District.					
93	Palanpur	26,750	...	...	N	o t
94	Deesa	6,966	7	5	12	1·7
	Sabarkanta District.					
95	Himatnagar	4,052			N	o t
96	Jelur	8,095				
97	Vadali	5,741	43	31	74	12·8
	Ahmednagar District.					
98	Ahmednagar City	64,444	1,548	1,423	2,971	46·1
99	Ahmednagar Cantonment	16,716	198	164	362	21·6
100	Kopargaon	10,103	137	123	260	25·7
101	Pathardi	17,753	72	69	141	18·1
102	Sangamner	12,574	165	132	297	23·6
103	Shrirampur	10,980	143	110	253	23·0
104	Shrigonda	8,765	68	60	128	14·3
	Poona District.					
105	Poona City	2,84,360	5,206	4,858	10,064	35·3
106	Poona Suburban	22,757	206	167	373	16·3
107	Junnár	11,235	207	205	412	36·6
108	Baramati	18,192	261	239	500	27·4
109	Lonavla	11,026	206	169	375	34·0
110	Poona Cantonment	44,306	656	662	1,318	29·7
111	Kirkee do.	34,619	466	411	877	25·3
112	Alandi	2,412	46	41	87	36·0
113	Indapur	6,811	21	16	37	5·4
114	Jejuri	2,995	59	59	118	39·3

No. VI—*contd.*

5	6	7	8	9	10	11	
						Injuries.	
						Suicide.	
Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Male.	Female.
...	686	...	10,911	488	2,738	8	5
...	10	...	245	9	37	...	...
...	8	...	50	.....	19	...	...
1	33	...	87	7	34	...	...
...	3	...	115	1	49	...	...
...	82	...	459	30	230	...	2
...	10	...	81	8	13	...	...
...	7	...	65	4	32	...	1
...	1	...	170	7	51	...	...
...	1	...	192	4	10	...	...
...	...	...	362	8	62	...	...
...	...	...	14	4	12	...	...
...	...	...	303	14	8	...	...
r e c e i	v e d.						
...	...	....	2	.....	2	...	...
r e c e i	v e d.						
...	...	...	56	.....	.....	...	...
3	18	7	168	68	364	...	...
...	...	4	37	19	55	...	...
29	13	...	56	23	55	...	1
...	...	3	14	.....	57	...	...
3	...	...	22	10	40	...	...
2	5	1	35	13	60	...	1
...	1	...	2	2	45	...	...
1	31	...	995	362	1,834	...	...
...	1	...	258	34	91	...	...
2	4	...	16	...	19	...	...
...	...	...	52	33	69	...	...
...	...	...	55	34	57	...	...
...	...	...	31	31	220	...	...
...	...	...	70	60	197	..	...
...	...	...	10	5	9	...	...
...	...	...	33	1	16	...	...
...	...	...	12	5	22	...	...

1	2	11 INJURIES—*contd.*					12	13
No.	Districts and Towns.	Wounding or accident.	Snake-bite.	Killed by wild b asts.	Rabies.	Total.	All other causes.	Tot dea fro al caus
	B—TOWNS—*contd.*							
	Ahmedabad District.							
80	Ahmedabad...	157	5	3	3	181	6,404	21,4
81	Dhandhuka...	3	...	...	...	3	45	3
82	Dholera	3	1	...	...	4	20	1
83	Ranpur	5	1	...	...	6	58	2
84	Sanand	1	...	...	...	1	37	2
85	Viramgaon	7	1	...	...	10	94	9
86	Mandal	...	...	...	...	..	49	1
87	Patdi	2	...	...	...	3	66	1
88	Prantij	1	...	...	...	1	22	2
89	Modasa	2	...	...	...	2	21	2
90	Dholka	2	1	...	...	3	138	57
91	Ahmedabad Cantonment ...	...	...	...	...	...	5	3
92	Dehgam	1	...	...	...	1	14	34
	Banskanta District.							
93	Palanpur							No
94	Deesa	...	...	...	...	...	3	
	Sabarkanta District.							
95	Himatnagar...							No
96	Jelur							"
97	Vadali	...	...	...	...	...	7	6
	Ahmednagar District.							
98	Ahmednagar City	11	2	...	...	13	632	1,27
99	Ahmednagar Cantonment ...	2	...	...	...	2	166	28
100	Kopargaon	5	1	...	...	7	108	291
101	Pathardi	...	...	...	...	...	27	101
102	Sangamner	3	...	...	...	3	59	137
103	Shrirampur...	4	...	...	...	5	88	209
104	Shrigonda	3	11	...	...	4	77	131
	Poona District.							
105	Poona City	101	...	...	...	101	3,730	7,054
106	Poona Suburban	15	...	1	...	16	119	519
107	Junnar	1	...	...	...	1	57	99
108	Baramati	7	...	1	...	8	91	253
109	Lonavla	4	...	...	...	4	98	248
110	Poona Cantonment	5	...	...	...	5	187	474
111	Kirkee do.	4	...	...	...	4	181	512
112	Alandi	4	1	...	...	5	39	68
113	Indapur	...	...	...	...	...	18	68
114	Jejuri	...	...	...	...	...	15	54

No. VI—*contd.*

14

RATIO OF DEATHS PER 1,000 OF POPULATION.

Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Injuries.	All other causes.	From all causes. For the year.	From all causes. Mean of previous five years.
...	·95	...	15·18	·67	3·79	·25	8·99	29·83	26·22
...	·77	...	19·02	·69	2·87	·33	3·52	27·10	26·52
...	1·96	...	12·29	...	4·95	·73	4·91	24·84	28·03
·11	3·90	...	10·29	·82	4·01	·71	6·93	26·77	25·31
...	·30	...	11·62	·10	4·93	·10	3·74	20·79	22·29
...	2·51	...	14·05	·91	7·05	·30	2·98	27·80	30·14
...	1·62	...	13·14	1·29	2·10	...	7·96	26·11	22·78
...	·87	...	8·07	·49	3·96	·37	8·25	21·01	30·92
...	·11	...	18·73	·77	5·61	·11	2·46	27·29	32·05
...	·07	...	13·80	·28	·70	·14	1·54	16·53	20·20
...	...	...	17·98	·38	3·06	·14	6·92	28·48	29·53
...	...	...	3·99	1·14	3·41	...	1·45	9·99	9·77
...	...	...	36·20	1·66	·94	·11	1·71	40·62	...
received.									
...	...	...	·30	...	·28	...	·43	1·01	...
received.									
...	...	...	9·75	...	...	...	1·22	10·97	...
0·5	·28	·10	2·61	1·05	5·65	·20	9·81	19·75	22·20
...	...	·23	2·21	1·15	3·27	·11	9·93	16·92	18·20
2·87	1·29	...	5·54	2·27	5·44	·69	10·67	28·80	20·42
...	...	·39	1·81	...	7·35	...	3·48	13·03	14·33
·24	...	...	1·75	·70	3·18	·24	4·77	10·90	16·08
·18	·45	·09	3·18	1·27	5·44	·45	8·01	19·03	20·24
...	·11	...	·22	·23	5·12	·46	8·77	14·91	16·89
0·1	·11	...	3·54	1·27	6·44	·36	13·07	24·80	31·71
...	·04	...	11·33	1·49	4·02	·70	5·22	22·80	24·49
·18	·34	...	7·41	...	1·69	·09	5·09	8·81	8·43
...	...	...	2·86	1·81	3·79	·44	5·00	13·91	20·85
...	...	...	5·08	3·09	5·16	·36	8·80	22·49	20·15
...	...	...	·72	·69	4·96	·11	4·19	10·69	11·84
...	...	...	2·03	1·74	5·71	·09	5·21	14·78	26·64
...	...	...	4·15	2·07	3·73	2·07	16·17	28·19	29·03
...	...	...	4·82	·15	2·35	...	2·64	9·98	18·90
...	...	...	4·00	1·67	7·35	...	5·01	18·03	20·98

1	2	3	4			
			Births.			
No.	Districts and Towns.	Mid-year estimated population for 1949.	Male.	Female.	Total.	Birth rate.
	B—TOWNS—*contd.*					
	Poona District—contd.					
115	Saswad	5,571	114	92	206	36·97
116	Sirur	6,799	83	85	168	24·70
117	Talegaon Dabhade	6,986	98	91	189	27·05
118	Dhond	15,787	207	198	405	25·65
119	Bhor	7,068	135	130	265	31·05
	Nasik District.					
120	Násik	61,207	1,343	1,191	2,534	41·41
121	Bhagur	6,605	59	49	108	16·35
122	Trimbak	4,212	81	82	163	38·69
123	Sinnar	13,713	133	109	242	17·64
124	Igatpuri	6,974	157	172	329	47·17
125	Manmád	20,655	162	140	302	14·62
126	Nandgaon	11,452	158	139	257	25·93
127	Yeola	18,700	322	355	677	6·20
128	Málegaon	46,141	880	784	1,664	36·06
129	Deoláli Cantonment	23,359	209	340	549	23·50
	Thana District.					
130	Bassein	14,677	234	219	453	30·86
131	Bhiwandi	4,408	290	216	506	23·63
132	Thána	36,377	526	512	1,038	28·53
133	Kalyán	35,570	469	410	879	24·71
134	Palghar	4,455	132	95	227	50·95
135	Malad	15,944	273	247	520	32·61
136	Jawhar	3,679	43	32	75	20·38
	Bombay Suburban District.					
137	Ghatkopar	26,509	382	335	717	27·05
138	Kurla	46,358	750	728	1,478	31·88
139	Juhu	4,667	50	43	93	19·92
140	Parle-Andheri	56,059	796	762	1,556	27·75
141	Bándra	95,531	1,616	1,532	3,148	32·95
	Kolaba District.					
142	Alibág	6,417	193	199	392	61·08
143	Pen	7,867	185	119	304	38·71
144	Roha	6,124	60	51	111	18·12

No. VI—*contd.*

5	6	7	8	9	10	11 Injuries.	
						Suicide.	
Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Male.	Female.
...	1	...	32	14	31	...	...
...	...	...	19	7	23	...	...
...	...	...	43	15	20	...	...
...	5	...	46	15	15	...	...
5	14	...	61	16	40	...	...
32	3	9	304	73	442	...	...
2	...	...	40	8	46	...	...
1	...	...	28	3	11	...	...
33	3	...	48	14	24	...	...
5	5	...	50	16	32	...	...
1	...	...	47	6	32	...	...
...	...	...	58	3	21	...	...
16	12	...	208	33	149	...	...
28	3	...	683	92	166	...	...
1	3	...	31	...	21	...	...
...	8	...	38	9	24	...	...
...	8	...	94	5	50	...	...
1	21	...	279	25	92	...	...
18	5	...	123	44	87	1	...
...	...	...	36	1	10	...	1
...	1	...	102	21	201	1	1
1	1	...	13	1	2	...	...
...	46	...	305	31	139	...	...
...	2	...	196	49	229	...	...
...	2	...	10	...	16	...	...
...	9	...	110	27	139	...	...
...	7	1	243	152	501	...	...
2	1	...	25	4	30	1	...
...	...	...	26	7	24	...	...
...	...	...	40	20	21	...	...

No.	2 Districts and Towns.	11 Injuries—*contd.* Wounding or Accident.	Snake-bite.	Killed by Wild beast.	Rabies.	Total.	12 All other causes.	13 Total deaths from all causes.
	B.—TOWNS—*contd.*							
	Poona District—contd.							
115	Saswad	1	...	...	...	1	18	97
116	Sirur	2	...	...	...	2	14	65
117	Talegaon Dabhade	...	...	...	...	...	27	95
118	Dhond	4	...	...	...	4	61	18
119	Bhor	1	...	...	...	1	36	167
	Nasik District.							
120	Nasik	42	...	...	...	42	1,124	2,029
121	Bhagur	3	...	...	...	3	38	137
122	Trimbak	...	...	...	...	...	54	97
123	Sinnar	1	...	...	...	1	100	223
124	Igatpuri	6	...	...	...	6	74	188
125	Manmad	1	...	...	...	1	72	159
126	Nandgaon	1	...	...	...	1	22	105
127	Yeola	7	...	...	...	7	185	610
128	Malegaon	6	...	...	...	6	174	1,152
129	Deolali Cantonment	6	...	...	...	6	89	151
	Thana District.							
130	Bassein	6	...	...	...	6	77	162
131	Bhiwandi	4	...	...	...	4	72	239
132	Thana	41	5	...	...	46	339	793
133	Kalyan	13	1	...	...	15	190	482
134	Palghar	...	...	...	...	1	5	53
135	Malad	11	2	...	...	15	231	571
136	Jawhar	3	1	...	...	4	10	32
	Bombay Suburban District.							
137	Ghatkopar	3	...	...	...	3	219	743
138	Kurla	1	...	...	...	1	310	787
139	Juhu	1	...	...	...	1	23	52
140	Parle Andheri	11	...	...	...	11	160	456
141	Bandra	4	...	...	...	4	875	1,783
	Kolaba District.							
142	Alibag	2	...	...	...	3	42	107
143	Pen	2	...	...	...	2	60	119
144	Roha	3	...	...	...	3	45	129

No. VI—*contd.*

14

RATIO OF DEATHS PER 1,000 OF POPULATION.

Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Injuries.	All other causes.	From all causes. For the year.	From all causes. Mean of previous five years.
...	·18	...	5·74	2·51	5·57	·18	3·23	17·41	18·48
...	...	...	2·79	1·03	3·39	·29	2·06	9·56	27·18
...	...	...	6·15	·72	2·86	...	3·86	13·59	29·02
...	·32	...	2·92	·94	3·49	·25	3·86	11·78	...
·70	1·98	...	8·63	1·42	5·66	·14	5·09	23·62	...
·52	·05	·15	4·47	1·19	7·22	·68	18·36	33·14	36·64
·30	...	...	6·04	1·21	6·96	·45	5·75	20·71	18·94
·24	...	...	6·65	·71	2·61	...	12·82	23·03	27·23
2·41	·22	...	3·50	1·02	1·75	·07	7·29	16·26	15·44
·72	·72	...	7·16	2·30	4·59	·86	10·61	26·96	24·44
·04	...	...	2·27	·28	1·54	·04	3·52	7·69	14·81
...	...	...	5·07	·26	1·83	·08	1·92	9·16	16·39
·86	·64	...	11·13	1·76	7·97	·37	9·89	32·62	29·47
·61	·07	...	14·80	1·99	3·59	·13	3·77	24·96	21·46
·04	·13	...	1·33	...	·89	·26	3·81	6·46	8·88
...	·55	...	2·60	·61	1·63	·41	5·23	11·03	14·46
...	·37	...	4·39	·23	2·33	·19	3·65	11·16	13·04
·03	·58	...	7·66	·69	2·52	1·26	9·05	21·79	23·44
·61	·14	...	3·46	1·24	2·44	·42	5·32	17·55	15·75
...	...	...	8·08	·22	2·24	·22	1·13	11·89	14·60
...	·06	...	6·39	1·31	12·61	·94	14·49	35·81	22·74
·27	·27	...	3·53	·27	·54	1·09	2·72	8·69	...
...	1·78	...	11·50	1·17	5·20	·11	8·26	28·02	19·10
...	·04	...	4·22	1·05	4·94	·03	6·69	16·97	18·25
...	·43	...	2·14	...	3·43	·21	4·93	11·14	12·54
...	·16	...	1·95	·48	2·48	·20	2·86	8·13	8·94
...	·07	·01	2·53	1·58	5·23	·04	9·14	18·66	18·24
·31	·16	...	3·	·63	4·68	·47	6·53	16·67	18·50
...	...	...	3·30	·89	3·06	·25	7·62	15·13	16·28
...	...	...	6·52	3·26	3·43	·49	7·36	21·06	21·19

1	2	3	4			
			Births.			
No.	Districts and Towns.	Mid-year estimated population for 1949.	Male.	Female.	Total.	Birth-rate.
	B.—TOWNS—*contd.*					
	Kolaba District—contd.					
145	Mahad	8,175	122	109	231	28·25
146	Panwel	13,069	141	157	298	22·80
147	Uran	2,493	121	100	221	88·64
148	Matheran	2,816	40	43	83	29·47
149	Murud	8,882	167	152	319	35·91
150	Shree Wardhan	8,063	120	114	234	29·09
151	Mhasale	2,830	31	32	63	22·26
	Ratnagiri District.					
152	Ratnágiri	12,915	463	465	928	71·86
153	Vengurla	22,913	276	237	513	22·38
154	Málwan	22,236	410	342	752	33·81
155	Chiplun	17,587	172	176	353	20·35
156	Rajapur	10,213	124	120	244	23·89
	Belgaum District.					
157	Belgaum	64,222	1,208	1,133	2,341	36·45
158	Gokak	15,218	315	299	614	40·35
159	Athni	15,175	237	196	433	28·53
160	Nipani	18,045	475	490	965	53·35
161	Bail Hongal	12,020	260	238	498	41·42
162	Chikodi	11,077	304	259	563	50·83
163	Khanapur	5,967	87	69	156	26·14
164	Saundatti	9,613	187	145	332	34·54
165	Shahapur	14,878	196	155	351	23·54
166	Katkol	6,132	120	108	228	37·18
167	Belgaum Cantonment	15,890	98	87	185	11·64
	Dharwar District.					
168	Dharwar	51,267	914	813	1,727	33·68
169	Hubli	1,02,029	1,827	1,598	3,425	33·57
170	Gadag	60,125	896	803	1,699	28·25
171	Ranebennur	18,153	466	435	901	49·63
172	Navalgund	7,566	96	97	193	25 61
173	Annigeri	8,650	162	176	338	39·08
174	Bankapur	7,700	173	159	332	43·12
175	Byadgi	9,383	198	190	388	41·36
176	Hangal	7,370	142	130	272	23·33
177	Haveri	12,182	236	194	430	35·29
178	Nargund	9,563	155	165	320	33·46

No. VI—*contd.*

5	6	7	8	9	10	11 Injuries.	
Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Suicide.	
						Male.	Female.
.....	1	.....	47	12	34	.....	...
2	.....	.....	94	14	46	.....	...
.....	2	.....	31	3	28	.....	...
.....	.....	.....	15	4	34	.....	...
.....	1	.....	44	11	31	.....	...
.....	.....	.....	48	2	48	.....	...
.....	.....	.....	34	2	9	.....	...
.....	2	.....	99	6	104	.....	...
.....	.....	.....	73	1	121	.....	...
.....	4	.....	120	14	93	1	...
.....	5	.....	62	5	80	.....	...
.....	1	.....	62	2	21	.....	...
4	1	.....	220	62	192	1	...
.....	.....	.....	106	40	61	1	...
.....	.....	.....	67	23	74	3	1
.....	.....	.....	56	50	110	.....	1
.....	.....	.....	60	18	26	.....	1
.....	.....	.....	26	15	30	.....	...
.....	.....	.....	19	3	7	.....	...
.....	.....	.....	20	5	15	.....	...
.....	.....	.....	31	16	25	.....	1
.....	.....	.....	51	3	6	1	...
.....	1	.....	37	5	8	.....	
.....	.....	.....	77	42	141	2	5
.....	5	1	356	86	165	1	2
1	15	.....	420	44	168	1	4
.....	1	1	130	15	78	.....	2
.....	.....	.....	43	14	22	1	...
.....	.....	.....	62	17	37	1	1
.....	.....	.....	35	.....	40	1	...
.....	.....	.....	53	2	32	.....	1
.....	.....	.....	28	8	31	.....	1
.....	.....	.....	44	7	30	1	...
.....	.....	.....	31	29	33	.....	1

1	2	11					12	13
		INJURIES—*contd.*						
No.	Districts and Towns.	Wounding or accident.	Snake bite.	Killed by Wild st.	Rabies.	Total.	All other causes.	Total deaths from all causes.
	B—TOWNS—*contd.*							
	Kolaba District—contd.							
145	Mahad	3	1	...	...	4	36	134
146	Panwel	2	...	...	...	2	71	230
147	Uran	1	...	...	...	1	69	134
148	Matheran	...	...	...	...	...	42	95
149	Murud	1	1	...	...	2	87	176
150	Shree Wardhan	1	...	...	...	1	53	152
151	Mhasale	...	...	...	...	...	15	60
	Ratnagiri District.							
152	Ratnagiri	2	1	...	...	3	179	393
153	Vengurla	1	...	...	...	1	86	282
154	Malwan	9	...	...	...	10	134	375
155	Chiplun	4	...	...	...	4	86	242
156	Rajapur	1	...	...	...	1	51	138
	Belgaum District.							
157	Belgaum	13	...	...	...	14	674	1,167
158	Gokak	5	...	...	...	6	69	282
159	Athani	4	...	...	...	8	77	249
160	Nipani	6	...	...	...	7	200	423
161	Bail Hongal...	3	2	...	...	6	84	194
162	Chikodi	2	...	...	...	2	116	189
163	Khanapur	4	...	...	...	4	21	54
164	Saundatti	3	1	...	2	6	99	145
165	Shahapur	...	...	...	...	1	107	183
166	Katkor	2	...	...	...	3	50	113
167	Belgaum Cantonment ...	1	...	...	...	1	55	107
	Dharwar District.							
168	Dharwar	9	...	...	...	16	562	838
169	Hubli	8	...	...	...	11	751	1,475
170	Gadag	14	2	...	1	22	684	1,354
171	Ranebennur	3	...	...	...	5	105	335
172	Nawalgund	5	...	...	...	6	80	165
173	Annigeri	2	...	...	...	4	95	215
174	Bankapur	...	...	...	...	1	49	125
175	Byadgi	3	...	...	...	4	108	199
176	Hangal	1	...	...	...	2	43	112
177	Haveri	5	...	...	1	7	106	194
178	Nargund	1	...	...	1	3	111	207

o. VI—*contd.*

14

RATIO OF DEATHS PER 1,000 OF POPULATION.

holera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Injuries.	All other causes.	From all causes. For the year.	From all causes. Mean of previous five years.
...	·12	...	5.75	1·47	4·15	·49	4·39	16·39	17·30
·23	...	...	7·19	1·07	3·51	·15	5·43	17·59	18·89
...	·80	...	12·43	1·21	11·22	·41	27·65	53·75	16·29
...	...	...	5·33	1·42	12·8	...	14·91	33·74	21·68
...	·11	...	4·96	1·25	3·48	·23	9·79	19·82	.....
...	...	...	5·97	·25	5·97	·12	6·59	18·90	.....
...	...	...	12·00	·71	3·17	...	5·29	21·20	.....
...	·15	...	7·66	·47	8·05	·23	13·86	30·42	20·73
...	...	...	3·19	·04	5·27	·04	3·76	12·30	36·12
...	·18	...	5·40	·65	4·18	·44	6·01	16·86	27·34
...	·28	...	3·53	·29	4·54	·22	4·90	13·76	14·11
...	·10	...	6·06	·19	2·06	·10	5·00	13·51	15·99
·06	·02	...	3·43	·97	2·99	·22	10·49	18·17	20·94
...	...	...	6·97	2·63	4·00	·39	4·53	18·53	22·06
...	...	...	4·42	1·51	4·88	·53	5·07	16·41	16·72
...	...	...	3·10	2·77	6·10	·39	11·08	23·44	23·98
...	...	...	4·99	10·50	2·16	·56	6·99	16·11	22·17
...	...	...	2·35	1·36	2·70	·19	10·44	17·06	26·39
...	...	...	3·19	·50	1·77	·67	3·52	9·05	18·43
...	...	...	2·08	·52	1·56	·62	10·30	15·08	23·66
...	...	...	2·08	1·08	1·88	·07	7·19	12·30	.....
...	...	...	8·32	·49	·98	·49	8·15	18·43	.....
...	·06	...	2·33	·31	·50	·06	3·46	6·73	.....
...	...	...	1·50	·82	2·75	·31	10·96	16·34	18·50
...	·05	·01	3·49	·84	2·59	·10	7·36	14·45	14·07
·01	·25	...	6·99	·73	2·79	·36	11·37	22·52	28·53
...	·05	·05	7·16	·82	4·29	·27	5·79	18·45	18·20
...	...	...	5·69	1·85	2·91	·79	10·57	21·81	22·16
...	...	...	7·17	1·97	4·28	·46	10·98	24·85	29·88
...	...	...	4·54	...	5·19	·13	6·36	16·23	25·37
...	...	...	5·65	·21	3·41	·42	11·51	21·21	23·58
...	...	...	3·79	1·09	4·21	·28	5·83	15·19	29·45
...	...	...	3·61	·58	2·46	·58	8·70	15·92	21·42
...	...	...	3·24	3·03	3·45	·31	11·61	21·64	25·05

1	2	3	4			
			Births.			
No.	Districts and Towns.	Mid-year estimated population for 1949.	Male.	Female.	Total.	Birth-rate.
	B—TOWNS—*contd.*					
	Dharwar District—contd.					
179	Ron	8,211	169	159	328	36·29
180	Shiggaon	6,072	146	144	290	47·71
181	Tuminkatti	5,547	116	92	208	37·49
182	Shirhatti	6,857	142	129	271	39·52
183	Lakshmeshwar	11,078	188	152	340	30·69
184	Kundgol	7,377	124	127	251	34·02
185	Savsi	4,323	78	78	156	36·07
186	Kamadoli	3,219	79	78	157	44·77
187	Gudigeri	4,441	92	77	169	38·29
188	Sigli	4,993	81	74	155	37·05
189	Savanur	13,495	237	233	470	34·83
	Bijapur District.					
190	Bijapur	53,426	988	931	1,919	35·92
191	Bagalkot	26,754	553	459	1,012	37·83
192	Guledgud	26,754	553	459	10,012	38·85
193	Ilkal	19,268	264	203	467	24·24
194	Bilgi	5,082	106	103	209	41·13
195	Hungund	7,365	153	125	278	37·74
196	Kerur	7,611	119	119	238	31·27
197	Talikot	9,000	200	175	375	41·63
198	Banatti	10,123	213	195	408	40·30
199	Hunnur	4,292	67	53	120	27·96
200	Jamkhandi	17,390	149	139	288	16·56
201	Savalgi	3,786	75	59	134	35·39
202	Terdal	7,962	151	155	306	38·42
203	Rabkavi	7,347	154	150	304	41·28
204	Mudhol	8,921	167	132	299	33·52
205	Mahalingpur	7,623	120	95	215	28·20
206	Lokapur	2,785	39	27	66	23·70
207	Ramdurg	12,546	185	139	324	25·83
	Kanara District.					
208	Karwar	15,557	360	319	679	43·71
209	Kumta	10,727	249	236	485	45·21
210	Gokarn	11,394	58	55	113	9·92
211	Honawar	9,757	115	139	254	26·03

No. VI—*contd.*

5	6	7	8	9	10	11	
						Injuries	
						Suicide.	
Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Male.	Female.
...	1	...	75	1	43	1	...
...	..	...	29	1	22	...	1
...	...	...	22	2	15	...	...
...	...	...	50	1	26	1	1
...	...	...	63	1	60	2	2
...	...	...	41	3	53	...	1
...	...	...	36	5	18	...	...
...	...	...	78	...	3	...	...
...	3	...	33	...	25	...	...
...	...	...	50	...	9	...	1
...	...	...	59	4	32	...	1
...	2	...	168	61	96	3	3
...	...	...	167	14	128	2	...
...	...	...	167	14	128	2	...
...	...	...	114	...	85	1	...
.	...	...	14	7	30	...	...
...	...	...	55	7	43	...	...
...	...	...	70	8	52	2	1
...	...	...	93	11	35	...	...
...	34	..	43	14	64	...	1
...	...	...	51	2	9	1	...
...	...	1	89	12	79	...	...
..	...	...	27	14	23	...	...
..	...	...	80	2	23	...	...
..	1	...	61	9	23	...	..
..	...	...	44	3	35	...	1
.	1	...	32	6	38	...	1
.	...	...	10	2	6	...	1
.	5	...	67	10	51	1	...
	...	...	38	4	34	...	...
.	...	...	48	12	23	...	2
	...	...	17	6	9	1	...
	...	...	35		7	...	...

1	2	11					12	13
		INJURIES—*contd.*						
No.	Districts and Towns.	Wounding or accident.	Snake bite.	Killed by Wild beast.	Rabies.	Total.	All other causes.	Total death from all cause
	B—TOWNS—*contd.*							
	Dharwar District—contd.							
179	Ron	2	...	...	...	3	80	2
180	Shiggaon	3	...	...	...	4	43	
181	Tuminkatti	...	...	...	...	...	49	
182	Shirhatti	...	...	...	...	2	28	1
183	Lakshmeshwar	3	...	...	...	7	49	1
184	Kundgol	1	...	...	1	3	39	1
185	Savsi	1	...	...	...	1	37	
186	Kamadoli	1	...	...	...	1	19	1
187	Gudigeri	...	...	...	...	...	20	
188	Sigli	...	...	...	...	1	16	
189	Savanur	5	...	...	1	7	95	1
	Bijapur District.							
190	Bijapur	21	...	...	...	27	520	5
191	Bagalkot	4	1	...	1	8	215	
192	Guledgud	6	2	1	...	10	189	
193	Ilkal	2	...	...	...	3	332	
194	Bilgi	1	...	...	...	1	41	
195	Hungund	...	...	...	...	...	58	
196	Kerur	4	...	...	...	7	52	
197	Talikot	4	...	...	...	4	55	
198	Banatti	7	...	...	...	8	75	
199	Hunnur	2	...	...	...	3	3	
200	Jamkhandi	1	...	...	...	1	77	
201	Savalgi	7	...	...	...	7	25	
202	Terdal	5	...	...	...	5	29	
203	Rabkavi	6	1	...	...	7	40	
204	Mudhol	5	1	...	...	7	37	
205	Mahalingpur	...	1	...	...	2	20	
206	Lokapur	1	...	...	...	2	7	
207	Ramdurg	5	...	...	...	6	85	
	Kanara District.							
208	Karwar	2	...	...	...	2	131	
209	Kumta	4	...	...	...	6	62	
210	Gokarn	8	...	...	...	9	39	
211	Honawar	3	...	...	1	4	53	

No. VI—*contd.*

14

RATIO OF DEATHS PER 1,000 OF POPULATION.

Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Injuries.	All other causes.	From all causes. For the year.	From all causes. Mean of previous five years.
...	·12	...	9·13	·12	5·23	·36	9·74	24·72	24·77
...	...	...	4·77	·16	3·62	·66	7·07	16·30	18·91
...	...	...	3·96	·36	2·70	...	8·83	15·86	20·38
...	...	...	7·29	·14	3·79	·28	4·08	15·61	.....
...	...	...	5·69	·09	5·42	·63	4·42	16·25	.....
...	...	...	5·55	·41	7·18	·41	5·29	18·81	.....
...	...	...	8·33	1·16	4·17	·23	8·56	22·49	.....
...	...	...	24·23	...	·93	·31	5·90	31·37	.....
...	·67	...	7·41	...	5·63	...	4·50	18·24	.....
...	...	...	10·00	...	1·80	·20	3·20	16·22	.....
...	...	...	4·37	·29	2·37	·52	7·04	14·59	.....
...	·04	...	3·15	1·14	1·80	·50	9·73	16·36	14·37
...	...	...	6·24	0·52	4·78	·30	8·04	19·88	19·13
...	...	...	6·24	·52	4·78	·30	8·04	19·88	19·18
...	...	...	5·92	...	4·41	·15	17·23	27·71	26·79
...	...	...	2·76	1·38	5·90	·20	8·06	18·30	21·33
...	...	...	7·47	·95	5·84	...	7·87	22·13	22·95
...	...	...	9·20	1·05	6·83	·92	6·83	24·83	23·42
...	...	...	10·32	1·22	3·89	·44	6·11	21·98	26·82
...	2·36	...	4·25	1·38	6·32	·79	7·41	23·51	.....
...	...	...	12·58	·46	2·10	·70	·70	16·54	.....
...	...	·06	5·11	·69	4·54	·06	4·43	14·89	.....
...	...	...	7·13	7·70	6·07	1·85	6·60	25·35	.....
...	...	...	10·05	·25	2·89	·63	3·64	17·46	.....
...	·13	...	8·30	1·23	3·13	·95	5·45	19·19	.....
...	...	...	4·93	·34	3·93	·79	4·15	14·14	.....
...	·14	...	4·20	4·98	·79	·26	2·62	12·99	.....
...	...	...	3·59	·72	2·15	·72	2·51	9·69	.....
...	·40	...	5·34	·80	4·07	·47	6·77	17·85	.....
...	...	...	2·48	0·26	2·19	0·13	8·42	13·43	12.19
...	...	...	4·47	1·12	2·14	0·56	5·79	14·08	15·14
...	...	...	1·49	0·53	0·79	·79	3·42	7·03	8·97
...	...	...	3·59	1·54	0·72	·41	5·43	11·69	12·87

1	2	3	4			
			Births.			
No.	Districts and Towns	Mid-year estimated population for 1946.	Male.	Female.	Total.	Birth-rate.
	B—TOWNS—*concld.*					
	Kanara District—contd.					
212	Bhatkal	12,203	197	217	414	33·93
213	Halyal	7,291	105	74	179	24·55
214	Sirsi	13,236	293	229	522	39·44
	Sholapur District.					
215	Sholapur	2,26,679	5,447	5,003	10,450	46·10
216	Barsi	38,699	912	802	1,714	46·90
217	Pandharpur	37,079	787	735	1,522	41·04
218	Karkamb	7,173	82	83	165	23·00
219	Karmala	8,186	175	174	349	42·63
220	Kurduwadi	11,696	209	173	382	32·66
221	Mohol	6,045	128	137	265	43·84
222	Sangola	6,471	169	143	312	48·21
223	Vairag	5,238	98	107	205	39·13
224	Mangalwedhe	10,686	147	119	266	24·89
225	Maindargi	8,796	112	95	207	23·53
226	Dudhani	5,231	60	52	112	21·41
	Satara North District.					
227	Satara	36,656	675	601	1,276	34·81
228	Wai	16,276	399	344	743	45·65
229	Karad	19,663	360	279	639	32·49
230	Mahableshwar	5,565	80	74	154	27·67
231	Mhaswad	8,888	136	146	282	31·73
232	Panchgani	4,033	52	46	98	24·30
233	Rahimatpur	7,151	130	146	276	38·59
234	Phaltan	10,845	236	210	446	41·11
235	Aundh	4,831	98	102	200	41·40
	Satara South District.					
236	Kurundwad	10,001	176	141	317	31·70
237	Budhgaon	4,947	81	56	137	29·69
238	Deshing	3,056	70	85	155	50·71
239	Kavathe-Piran	5,360	96	70	166	30·97
240	Malgaon	8,304	127	94	221	26·61
241	Miraj	33,871	302	231	536	15·82
242	Sangli	38,564	618	593	1,211	31·40
243	Tasgaon	12,845	258	235	493	38·38
244	Islampur	13,700	121	85	206	15·04
245	Ashta	11,062	122	123	245	22·23
246	Jath	8,372	101	88	189	22·58
247	Vita	8,199	164	147	311	37·93
	Kolhapur District.					
248	Gadhainglaj	9,913	135	145	280	26·16
249	Hatkanagla	3,665	73	75	148	40·38
250	Ichalkaranji	20,490	314	262	576	28·11
251	Kagal	8,857	144	181	325	36·69
252	Kodali	7,442	130	127	257	34·53
253	Kolhapur	1,02,608	1,962	1,791	3,753	36·58
254	Kapashi	2,979	60	41	101	33·90
255	Malkapur	3,132	76	62	138	44·06
256	Murgud	4,991	105	80	188	37·67
257	Narsobawadi	2,961	26	37	63	21·28
258	Shirol	7,670	157	125	282	36·77
259	Vadgaon	5,521	135	145	280	50·72
	Total for the Towns ...	7,212,813	126,866	117,431	244,297	33·87
	Total for the Province ...	33,496,471	531,225	494,386	1,025,611	30·67

o. VI—*contd.*

5	6	7	8	9	10	11 Injuries. Suicide.	
holera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Male.	Female.
.....	.....	.....	60	2	26	...	...
.....	.....	.....	13	2	11	...	1
.....	.....	.....	36	17	32	...	...
.....	25	5	272	703	1,794	9	11
.....	.....	.....	414	39	102	7	4
1	6	2	142	130	310	1	2
.....	4	.....	100	4	22	...	3
.....	2	5	68	.....	52	1	...
.....	1	.....	95	7	22	1	2
.....	.....	.....	43	.....	14	...	...
1	.....	.....	35	3	31	...	...
.....	1	.....	68	.....	4	...	...
.....	.....	.....	84	4	14	...	...
.....	2	.....	84	1	33	...	1
.....	.....	.....	26	.....	8	...	...
1	.....	1	146	41	83	1	...
.....	2	.....	52	36	46	...	...
.....	1	.....	42	9	25	...	...
.....	.....	.....	18	2	14	...	...
.....	.....	.....	58	18	18	...	...
.....	.....	.....	3	2	16	...	...
1	.....	.....	42	9	35	...	...
.....	1	.....	44	37	52	...	...
.....	.....	.....	27	4	11	...	...
.....	.....	.....	13	23	41	...	...
.....	.....	.....	23	6	14	...	...
6	3	.....	10	8	14	...	...
.....	.....	.....	29	10	18	...	...
.....	.....	.....	22	11	19	...	...
2	9	.....	108	28	152	...	...
1	1	.....	151	42	119	...	...
2	.....	.....	52	15	27	...	...
.....	.....	.....	20	2	28	1	...
.....	.....	.....	21	13	24	1	...
.....	.....	.....	37	1	4	...	...
.....	.....	.....	35	6	14	...	...
1	.....	.....	25	13	20	...	...
.....	.....	.....	6	18	6	...	...
.....	.....	.....	117	6	60	...	2
.....	.....	.....	40	19	51	...	...
.....	.....	.....	47	6	21	...	...
1	.....	.....	508	193	494	1	2
.....	.....	.....	27	.....	6	...	...
.....	1	.....	14	1	12	...	1
.....	.....	.....	62	5	10	...	...
.....	.....	.....	14	2	11	...	...
.....	.....	.....	28	10	50	...	...
.....	.....	.....	38	9	8	...	...
303	2,215	88	42,347	6,881	33,841	90	90
2,333	6,768	1,139	276,157	21,744	99,708	342	448

1	2	11					12	13
		INJURIES—*contd.*						
No.	Districts and Towns.	Wounding or accident.	Snake-bite.	Killed by Wild beast.	Rabies.	Total.	All other causes.	Total deaths from all causes.
	B—TOWNS—*concld.*							
	Kanara District—contd.							
212	Bhatkal	1	1	...	...	2	81	171
213	Haliyal	2	...	...	...	3	40	72
214	Sirsi	2	...	...	...	2	137	224
	Sholapur District.							
215	Sholapur	25	2	...	3	50	3,222	6,371
216	Barsi	9	1	...	...	21	654	1,230
217	Pandharpur	5	...	...	...	8	756	1,355
218	Karkamb	...	1	...	...	4	58	195
219	Karmala	1	...	...	...	2	75	204
220	Kurduwadi	2	...	...	1	6	123	2[illegible]4
221	Mohol	...	...	...	...	...	61	118
222	Sangola	2	...	...	...	2	82	154
223	Vairag	1	...	...	...	1	26	100
224	Mangalwedhe	1	1	...	...	2	111	215
225	Maindargi	2	1	...	...	4	33	157
226	Ludhani	...	...	...	...	...	77	51
	Satara North District.							
227	Satara	16	...	...	...	17	462	751
228	Wai	2	1	...	...	3	174	313
229	Karad	6	1	...	...	7	139	223
230	Mahableshwar	1	...	...	...	1	20	55
231	Mhaswad	...	1	...	1	2	50	146
232	Panchgani	...	1	...	...	1	19	41
233	Rahimatpur	3	1	...	...	4	36	127
234	Phaltan	4	1	...	...	5	127	266
235	Aundh	4	...	...	...	4	25	71
	Satara South District.							
236	Kurundwad	1	...	...	...	1	65	143
237	Budhgaon	5	...	...	...	5	36	84
238	Deshing	1	1	...	...	2	43	86
239	Kavathe-Piran	1	...	...	...	1	17	75
240	Malgaon	2	...	...	...	2	44	98
241	Miraj	7	2	...	...	9	451	759
242	Sangli	16	...	...	...	16	358	688
243	Tasgaon	3	...	...	...	3	95	194
244	Islampur	3	1	...	...	5	62	117
245	Ashta	3	1	...	...	5	64	127
246	Jath	2	...	...	...	2	99	143
247	Vita	5	...	...	...	5	81	145
	Kolhapur District.							
248	Gadhinglaj	2	...	...	1	3	38	100
249	Hatkanagla	1	...	...	...	1	49	80
250	Ichalkaranji	8	...	...	...	10	48	241
251	Kagal	4	...	...	...	4	66	180
252	Kodali	1	...	...	...	1	45	120
253	Kolhapur	53	1	...	3	60	1,236	2,492
254	Kapashi	...	1	...	...	1	24	58
255	Malkapur	2	...	...	...	3	16	47
256	Murgud	...	...	...	...	...	38	115
257	Narsobawadi	1	...	...	...	1	11	39
258	Shirol	2	...	...	...	2	18	88
259	Vadgaon	2	...	...	...	2	63	120
	Total for the Towns ...	2,396	68	8	25	2,677	66,155	154,507
	Total for the Province ...	6,064	877	53	70	7,849	228,212	643,890

No. VI—*concld.*

14

RATIO OF DEATHS PER 1,000 OF POPULATION.

Cholera.	Small-pox.	Plague	Fevers.	Dysentery and Diarrhœa.	Respiratory Diseases.	Injuries.	All other causes.	From all causes. For the year.	From all causes. Mean of previous five years.
...	...	...	4·92	0·16	2·13	0·16	6·64	14·00	19·24
...	...	...	1·78	0·27	1·92	0·41	5·49	9·87	15·77
...	...	...	2·72	1·28	2·42	0·15	10·36	16·92	25·76
...	·11	·02	3·42	2·21	7·92	·22	14·21	28·11	38·03
...	...	...	10·70	1·01	2·63	·54	16·90	31·78	37·29
·03	·16	0·05	3·83	3·50	8·36	·22	20·39	36·54	39·78
...	·56	...	13·94	·56	3·07	·56	8·08	26·77	21·85
...	·24	·61	8·31	...	6·35	·25	9·16	24·92	28·19
...	·09	...	8·13	·60	1·84	·52	10·52	21·71	21·58
...	...	...	7·11	...	2·32	...	10·09	19·52	16·11
·15	...	...	5·41	·46	4·78	·31	12·67	23·79	24·28
...	·19	...	12·98	...	·76	·19	4·97	19·09	26·61
...	...	...	7·86	·37	1·31	·19	10·39	20·12	.....
...	·22	...	9·55	·11	3·75	·45	3·76	17·84	.....
...	...	...	4·97	...	1·53	...	3·25	9·75	.....
·03	...	·03	3·98	1·12	2·26	·46	12·60	20·49	26·52
...	·12	...	3·19	2·82	2·83	·18	10·69	19·23	21·77
...	·05	...	2·14	·46	1·27	·36	7·07	11·34	12·13
...	...	...	3.24	·36	7·52	·18	3·59	9·88	16·45
...	...	...	6·52	2·02	2·02	·23	5·63	16·43	17·42
...	...	...	·74	·49	3·97	·25	4·71	10·17	15·45
·14	...	...	5·87	1·26	4·89	·56	5·03	17·76	23·40
...	·09	...	4·06	3·41	4·79	·46	11·71	24·53	17·61
...	...	...	5·59	·83	2·28	·83	5·17	14·70	.....
...	...	...	1·30	2·30	4·10	·10	6·50	14·30	.....
...	...	...	4·65	1·21	2·83	1·09	7·28	16·98	.....
...	...	...	3·27	2·62	4·58	·65	14·07	28·14	.....
1·96	·98	...	5·41	1·87	3·36	·19	3·17	13·99	.....
...	...	...	2·65	1·32	2·29	·24	5·30	11·80	.....
·05	·26	...	3·19	·83	4·49	·27	13·32	22·41	.....
·03	·03	...	3·92	4·09	3·09	·41	9·28	17·34	.....
·16	...	...	4·05	1·17	2·10	·23	7·40	15·10	.....
...	...	...	1·46	·15	2·04	·36	4·53	8·54	.....
...	...	...	1·10	1·18	2·17	·45	5·79	11·48	.....
...	...	...	4·43	·12	0·48	·24	11·83	17·08	.....
...	·49	...	4·27	·73	1·71	·61	9·88	17·69	.....
·10	...	...	2·51	1·30	2·01	·30	3·82	10·06	.....
...	...	...	1·63	4·91	1·63	·27	13·36	21·77	.....
...	...	...	5·71	·29	2·92	·49	2·34	11·76	.....
...	...	...	4·52	2·14	5·76	·45	7·45	20·32	.....
...	...	...	6·32	·81	2·82	·13	6·05	16·12	.....
·01	...	...	4·95	1·88	4·81	·58	12·04	24·29	.....
...	...	...	9·06	...	2·01	·34	3·06	19·47	.....
...	·32	...	4·47	·32	3·83	·96	5·10	15·00	.....
...	...	...	12·42	1·00	2·00	...	7·61	23·05	.....
...	...	...	4·73	0·68	3·71	·34	3.71	13·17	.....
...	...	...	3·65	1·30	3·91	·26	2·35	11·47	.....
...	...	...	6·88	1·63	1·45	0·36	11·41	21·74	.....
·04	·30	·01	5·87	·95	4·69	·37	9·17	21·42	23·98
·07	·20	·03	8·26	·65	2·98	·23	6·83	19·25	24·30

ANNUAL FORM NO. VI (*a*)—DEATHS *registered from certain during the*

1	2	3		4		5		6	
		Enteric Fever.		Measles.		Cerebro-spinal Fever.		Malaria.	
No.	Districts and Towns.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	A—DISTRICTS (EXCLUDING TOWNS).								
	Northern Registration District.								
1	East Khándesh	151	·14	185	·15	...	...	1,285	3·98
2	West Khándesh	174	·20	107	·12	...	...	3,872	4·41
3	Surat	141	·09	8	·00	...	...	188	·11
4	Broach	8	·01	195	·32	...	...	14	·02
5	Kaira	5	·00	111	·06	...	...	19	·01
6	Panch Mahále	14	·01	86	·09	...	...	4	·00
7	Ahmedabad	1	·00	196	·22	...	...	17	·02
8	Banaskanta	...	...	48	·07	...	...	...	...
9	Sabarkanta	2	0·1	5	·01	...	...	2	·01
	Central Registration District.								
10	Ahmednagar	195	·17	50	·04	...	...	2,703	2·37
11	Poona	53	·05	39	·03	...	...	4,022	3·47
12	Násik	96	·09	51	·05	...	...	6,466	6·36
13	Thána	296	·29	...	...	...	...	2,043	2·02
14	Bombay Suburban	24	1·11	4	·18	...	...	59	2·72
15	Kolaba	356	·45	32	·04	...	...	873	1·11
16	Ratnágiri	75	·05	40	·03	...	...	40	·15
	Southern Registration District.								
17	Belgaum	263	·19	468	·33	...	...	1,613	1·14
18	Dhárwár	465	·43	384	·36	...	...	781	·73
19	Bijápur	233	·21	125	·11	...	...	1,288	1·18
20	Kánara	144	·38	9	·02	...	...	264	·70
21	Sholápur	50	·05	163	·16	...	...	683	·71
22	Sátára North	66	·08	186	·18	...	...	877	·88
23	Satara South	39	0·5	157	·19	...	...	496	·60
24	Kolhapur	164	·18	280	·31	...	...	770	·86
	Baroda Registration District.								
25	Baroda	...	...	2	·00	4	·00	...	...
26	Mehsana	2	·00	...	...	...	...	...	...
27	Amreli	1	00·3	30	·1	...	...	...	...
	Total of Districts ...	3,033	·12	2,976	·12	4	·00	31,671	1·20

Note.—The returns under the following columns and diseases are blank :—
(9) Relapsing Fever, (11) Black water fever, (24) T. B. of joints, (25) Other tubercular diseases.

diseases in the DISTRICTS *and* TOWNS *of the* BOMBAY PROVINCE
year 1949.

7		8		10		12		13		14		15	
Influenza.		Kala Azar.		Typhus.		Other Fevers.		Dysentery.		Diarrhœa.		Pneumonia.	
Deaths.	Ratio	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
...	...	...	...	...	...	9,823	9·13	85	·07	445	·41	231	·21
...	...	...	...	...	...	6,042	5·88	29	·03	131	·15	89	·10
...	...	...	...	...	...	13,318	8·10	144	·09	84	·05	790	·48
...	..	...	...	...	...	9,104	14·80	84	·13	22	·04	223	·36
...	..	...	...	...	...	11,717	7·27	421	·26	66	·05	190	·11
5	·00	...	...	...	...	10,795	11·03	57	·06	17	·02	84	·09
...	...	...	...	...	...	10,065	11·54	93	·10	74	·08	41	·04
...	...	...	...	...	...	2,457	3·58	1	·00	...	...	18	·03
...	...	...	...	...	...	596	1·51	4	...	...	...	8	·02
...	...	...	...	...	...	3,151	2·74	352	·31	861	·76	241	·21
...	...	...	...	...	...	4,247	3·69	934	·81	202	·17	174	·15
...	...	...	...	...	...	2,323	2·29	312	·81	309	·30	206	·20
...	...	...	...	...	...	4,575	4·52	367	·35	43	·04	381	·38
...	...	...	...	...	...	103	4·75	31	1·43	26	1·20	14	·65
...	...	...	...	...	...	7,258	9·23	410	·52	228	·29	147	·19
19	·01	...	...	...	...	8,683	4·40	257	·16	176	·11	131	·08
1	·09	...	...	...	...	5,177	3·68	58	·04	2,087	1·48	169	·12
3	·003	...	...	...	...	6,949	6·48	77	·07	349	·33	56	·05
1	·01	...	...	...	...	9,553	8·75	310	·28	861	·79	19	·02
1	·002	...	...	...	...	1,353	3·56	58	·15	341	·90	24	·06
...	...	...	...	...	...	8,328	8·65	2	·002	606	·63	89	·09
...	...	...	...	...	...	6,827	6·89	55	·06	755	·76	54	·06
...	...	...	...	...	...	4,437	5·39	30	·04	921	1·12	70	09
10	·01	...	...	...	...	6,724	7·46	508	.56	941	1·05	293	·33
...	...	...	...	...	...	10,851	11·8	32	·03	1	·00	...	...
...	...	...	...	...	...	17,438	12·1	35	·02	2	·00	...	...
...	...	...	...	...	...	4,054	15·4	61	·2	10	·03	...	...
40	·00	...	...	...	...	196,066	7·48	5,282	·20	9,581	·37	3,742	.14

1	2	16		17		18		19		20	
		Pulmonary Tuberculosis.		Whooping Cough.		Other Respiratory diseases.		Beri Beri.		Diphtheria.	
No.	Districts and Towns.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	A.—DISTRICTS (EXCLUDING TOWNS)—*contd.*										
	Northern Registration District.										
1	East Khandesh ...	445	·41	289	·25	3,310	3·07	...	...	...	...
2	West Khandesh ...	378	·43	96	·11	2,623	2·99	...	...	...	...
3	Surat ...	358	·22	28	·01	810	·49	...	...	...	...
4	Broach ...	207	·34	91	·15	424	·69	...	...	...	...
5	Kaira ...	1,227	·76	126	·08	2,917	1·81	...	...	...	...
6	Panch Mahals ...	266	·27	121	·12	652	·67	...	...	...	...
7	Ahmedabad ...	469	·53	90	·10	637	·70	...	...	...	...
8	Banaskanta ...	35	.05	4	·01	37	·05	...	...	...	...
9	Sabarkanta ...	6	·02	6	·02	5	·01	...	...	...	...
	Central Registration District.										
10	Ahmednagar ...	945	·83	46	·04	5,692	5·00	...	...	...	...
11	Poona ...	976	·84	60	·05	2,781	2·40	...	...	8	·01
12	Nasik ...	215	·21	184	·18	2,973	2·92	...	...	...	...
13	Thana ...	878	·87	17	·02	1,672	1·65	...	...	1	·01
14	Bombay Suburban ...	26	1·20	...	...	84	3·88	...	...	...	...
15	Kolaba ...	1,756	2·23	70	·09	820	1·12	...	...	...	...
16	Ratnágiri ...	2,346	1·46	98	·06	4,161	2·61	...	...	...	...
	Southern Registration District.										
17	Belgaum ...	876	·62	152	·11	2,841	2·02	...	...	...	...
18	Dhárwár ...	735	·69	85	·08	2,088	1·94	...	...	...	...
19	Bijápur ...	878	·81	68	·06	2,909	2·66	...	...	1	·00
20	Kánara ...	192	·50	19	·05	462	1·22	...	...	...	..
21	Sholapur ...	619	·64	9	·09	1,086	1·13	...	...	...	...
22	Satara North ...	1,122	1·13	21	·02	911	·93	...	...	...	...
23	Satara South ...	641	·78	24	·03	987	1·19	...	...	9	·01
24	Kolhapur ...	1,043	1·16	117	·12	1,504	1·67	...	...	...	...
	Baroda Registration District.										
25	Baroda ...	...	...	5	·00	114	·1	...	...	4	·00
26	Mehsana ...	...	...	16	·01	131	0·9	...	...	...	...
27	Amreli ...	...	...	13	·04	91	·3	...	...	...	...
	Total of Districts ...	16,639	·63	1,913	·07	43,573	1·66	...	...	23	·00

No. VI (*a*)—*contd.*

21 Chicken-pox.		22 Acute Polio-Myelitics.		23 Mumps.		26 Leprosy.		27 Cancer.		28 Deaths from child birth.	29 Deaths under 1 year.			30 Infant mortality rate per 1,000 births.	1 No.
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.		Male.	Female.	Total.		
...	...	...	...	...	..	104	·95	7	·06	373	3,554	3,172	6,726	179·56	1
...	...	...	...	...	...	...	...	1	·00	245	2,979	2,649	5,628	156·37	2
...	...	...	...	...	...	...	...	110	·06	259	2,271	2,104	4,375	105·55	3
...	...	...	...	...	...	2	·00	54	·09	140	1,709	1,520	3,229	195·38	4
2	·00	...	...	...	...	...	...	15	·01	88	2,991	2,968	5,959	179·85	5
...	...	...	...	...	...	1	·00	6	·01	162	1,352	1,271	2,623	132·72	6
...	...	...	...	...	...	3	·00	9	...	75	1,774	1,697	3,471	180·55	7
1	·00	...	...	...	...	...	...	...	...	25	300	271	571	125·43	8
...	...	...	...	...	...	...	...	...	...	3	60	67	127	121·20	9
34	·03	...	...	...	...	21	·01	79	·07	105	3,347	2,811	6,158	157·57	10
7	·01	...	...	...	...	39	·03	5	·00	7	2,645	2,134	4,779	132·33	11
138	·14	...	...	5	0·6	4	·00	12	·01	8	3,593	2,643	6,236	234·72	12
24	·02	...	..	...	...	19	·02	24	·02	98	1,253	1,072	2,325	104·94	13
...	...	...	...	...	...	1	·05	1	·05	...	43	42	85	70·52	14
14	·02	...	...	...	...	16	·02	14	·02	104	1,412	1,377	2,789	140·15	15
21	·02	...	...	...	...	6	·00	25	·01	52	1,883	1,805	3,688	86·08	16
1	·00	...	...	...	...	30	·02	12	·00	394	3,390	2,820	6,210	110·73	17
...	...	...	...	...	..	17	·01	3	·00	361	3,207	2,501	5,708	120·07	18
1	·00	...	...	...	...	48	·04	8	·01	229	3,057	2,519	5,576	125·99	19
...	...	...	...	...	...	...	...	11	·02	95	1,034	761	1,795	118·80	20
...	...	...	...	...	...	58	·06	1	·01	138	3,119	2,702	5,821	160·45	21
...	...	...	...	...	...	112	·11	16	·02	99	2,618	2,178	4,796	126·66	22
...	...	...	...	...	...	74	·08	14	·02	49	1,527	1,365	2,892	103·44	23
2	·00	...	...	1	·00	65	·07	13	·01	17	2,080	1,658	3,738	99·87	24
...	...	...	...	..	...	...	...	...	...	...	1,338	1,221	2,529	151·8	25
...	...	...	...	...	...	...	...	...	—	...	1,746	1,705	3,451	129·1	26
...	...	...	...	...	...	...	...	2	·00	...	548	524	1,072	145·02	27
245	·01	...	...	6	·00	620	·02	443	·02	3,383	56,860	49,447	1,06,307	136·06	

1	2	3		4		5		6	
No.	Districts and Towns.	Enteric Fever.		Measles.		Cerebro-spinal Fever.		Malaria.	
		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS.								
1	City of Bombay ...	1,120	·63	180	·10	24	·01	86	·05
	East Khandesh District.								
2	Jalgaon	23	·35	8	·12	...	...	48	·78
3	Nasirabad	...	...	6	·47	...	...	17	1·18
4	Asoda	1	·11	2	·23	...	...	4	·47
5	Yawal	...	...	1	·68	...	...	7	·48
6	Faizpur	3	·22	16	1·19	...	...	14	1·05
7	Erandol	...	...	...	...	...	...	38	2·17
8	Dharangaon	...	...	...	...	...	..	56	2·67
9	Kasoda	...	...	...	...	...	...	25	3·29
10	Amálner	...	...	...	...	...	...	47	1·08
11	Parola	...	...	...	...	...	...	85	4·71
12	Chálisgaon	7	·25	40	1·48	...	...	61	2·26
13	Pachora	...	...	6	·51	...	...	32	2·74
14	Nagardeota	...	...	1	·13	...	...	25	3·40
15	Bhadgaon	1	·10	2	·21	...	...	...	...
16	Chopda	3	·12	...	...	...	...	13	·52
17	Adavad	1	·15	1	·15	...	...	3	·46
18	Raver	8	·70	3	·26	...	...	5	·44
19	Savda	4	·32	10	·82	...	...	9	·73
20	Bhusáwal	1	·62	19	·43	...	...	32	·73
21	Varangaon	4	·51	9	1·60	...	...	6	·77
22	Bodwad	10	1·17	2	1·23	...	...	20	2·30
23	Jamner	...	...	...	...	...	...	39	4·11
24	Shendurni	...	...	...	...	...	...	54	4·90
	West Khandesh District.								
25	Dhulia	46	·69	20	·30	1	·01	113	1·69
26	Nandurbar	4	·15	...	...	...	...	27	1·01
27	Sindkheda	...	...	...	...	...	...	6	·80
28	Betawad	1	·20	...	...	...	...	30	6·11
29	Shirpur	6	·42	17	1·18	...	...	14	·97
30	Shahada	...	...	1	·10	...	...	14	1·37
31	Taloda	6	·46	...	...	...	...	10	·76
32	Nawapur	3	·38	2	·25	...	...	41	5·20

No. VI (*a*)—*contd.*

7		8		10		12		13		14		15	
Influenza.		Kala Azar.		Typhus.		Other Fevers.		Dysentery.		Diarrhœa.		Pneumonia.	
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
4	·00	3	·00	2	·00	746	·42	449	·25	1,135	·64	8,892	5·04
...	...	...	...	...	...	256	3·98	3	·46	19	·29	25	·38
...	...	...	...	...	...	120	8·33	1	·69	10	·69	1	·69
...	...	...	...	...	...	46	5·43	...	...	...	...	...	...
...	...	...	...	...	...	93	6·41	4	·27	2	·13	7	·48
...	...	...	...	...	...	123	9·36	...	...	...	...	6	·45
...	...	...	...	...	...	117	6·60	9	·51	6	·34	1	·57
...	...	...	...	...	...	152	7·27	43	2·05	50	2·39	3	·14
...	...	...	...	...	...	112	14·72	...	...	1	·13	2	·26
...	...	...	...	...	...	281	6·51	15	·34	3	·06	10	·23
...	...	...	...	...	...	140	7·94	9	·51	6	·34	2	·11
...	...	...	...	...	...	303	11·24	26	·96	14	·51	14	·51
...	...	...	...	...	...	68	5·84	1	·08	12	1·03	4	·34
...	...	...	...	...	...	44	5·99	1	·13	3	·40	...	...
...	...	...	...	...	...	98	10·58	...	...	...	...	3	·32
...	...	...	...	...	...	82	43·28	13	·52	3	·12	1	·03
...	...	...	...	...	...	40	6·17	...	...	...	...	...	...
...	...	...	...	...	...	21	1·86	...	...	19	1·68	9	·78
...	...	...	...	...	...	14	1·14	1	·08	9	·73	15	1·23
...	...	...	...	...	...	253	5·83	14	·32	...	...	27	·62
...	...	...	...	...	...	72	9·29	...	...	4	·51	...	...
...	...	...	...	...	...	35	4·11	1	·11	1	·11	...	...
...	...	...	...	...	...	84	8·85	...	...	2	·21	2	·21
...	...	...	...	...	...	56	5·15	...	...	5	·45	...	...
...	...	...	...	...	...	352	5·28	9	·14	103	1·53	38	·57
...	...	...	...	...	...	161	6·05	1	·04	19	·71	6	·23
...	...	...	...	...	...	72	9·54	...	...	...	...	...	...
...	...	...	...	...	...	10	2·04	...	...	...	...	...	...
...	...	...	...	...	...	7	·49	...	...	...	...	12	·83
...	...	...	...	...	...	7	·68	...	...	...	...	5	·49
...	...	...	...	...	...	42	3·22	...	...	4	·31	1	·08
...	...	...	...	...	...	19	2·41	...	...	...	...	2	·25

1	2	16		17		18		19		20	
		Pulmonary Tuberculosis.		Whooping Cough.		Other Respiratory diseases.		Beri Beri.		Diphtheria	
No.	Districts and Towns.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS—*contd.*										
1	City of Bombay ...	2,325	1·32	8	·00	1,749	·99	...	...	93	·05
	East Khandesh District.										
2	Jalgaon ...	66	1·02	...	...	43	·66	...	...	...	...
3	Nasirabad ...	4	·27	12	·83	41	2·84	...	...	...	...
4	Asoda ...	6	·70	27	3·19	1	·11	...	...	...	...
5	Yawal ...	21	1·44	...	...	20	1·37	...	...	...	...
6	Faizpur ...	19	1·44	...	...	9	·68	...	...	...	...
7	Erandol ...	12	·68	...	...	39	2·26	...	...	...	...
8	Dharangaon ...	3	·14	18	·86	43	2·95	...	...	...	...
9	Kasoda ...	3	·39	...	...	21	2·76	...	...	...	...
10	Amálner ...	30	·69	4	·09	49	1·13	...	...	...	...
11	Parola ...	6	·34	...	...	71	4·00	...	...	1	·05
12	Chálisgaon ...	13	·48	1	·03	52	1·92	...	...	...	...
13	Pachora ...	3	·25	1	·08	9	·77	...	...	...	...
14	Nagardeota ...	3	·40	...	...	16	2·17	...	...	...	...
15	Bhadgaon ...	5	·54	5	·54	27	2·91	..	...	...	...
16	Chopda ...	19	·76	11	·44	11	·44	...	...	...	...
17	Adavad ...	2	·30	11	1·60	21	3·23	...	...	...	...
18	Ravor ...	10	·88	...	...	15	1·32	...	...	27	2·39
19	Savda ...	4	1·14	...	..	16	1·31	...	...	...	...
20	Bhusáwal ...	25	·57	1	·02	43	·99	...	...	...	...
21	Varangaon ...	7	·90	8	1·03	14	1·80	...	...	...	...
22	Bodwad ...	4	·47	4	·47	25	2·93	...	...	...	...
23	Jamner ...	...	...	1	·10	28	2·95	...	...	...	...
24	Shendurni ...	4	·36	...	...	60	5·51	...	...	...	...
	West Khandesh District.										
25	Dhulia ...	51	·76	24	·37	58	·87	...	...	...	...
26	Nandurbar ...	19	·71	3	·11	63	2·37	...	...	...	...
27	Sindkheda ...	5	·66	1	·13	53	7·03	...	...	...	...
28	Betawad ...	5	1·02	...	...	24	4·89	...	...	...	...
29	Shirpur ...	23	1·60	3	·21	56	3·89	...	...	...	...
30	Shaheda ...	10	·98	...	...	8	·78	...	...	...	...
31	Taloda ...	19	1·45	2	·15	17	1·30	...	...	...	...
32	Nawapur ...	3	·38	4	·51	18	2·28	...	...	...	...

No. VI (*a*)—*contd.*

21 Chicken-pox.		22 Acute Polio Myelitics.		23 Mumps.		26 Leprosy.		27 Cancer.		28 Deaths from child birth.	29 Deaths under 1 year.			30 Infant mortality rate per 1,000 births.	1 No.
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.		Male.	Female.	Total.		
20	·01	65	·04	...	...	100	·06	438	·24	167	5,392	4,728	10,120	174·24	1
...	...	...	...	...	...	1	·31	2	·15	23	92	119	211	106·19	2
...	...	...	...	...	...	2	·13	...	...	3	23	25	48	101·83	3
...	...	...	...	...	...	1	·11	...	...	3	17	19	36	116·18	4
...	...	...	...	...	...	2	·13	...	...	6	13	16	29	61·17	5
...	...	...	...	...	...	1	·76	...	...	10	11	7	18	89·45	6
...	...	...	...	...	...	...	...	...	...	1	45	55	100	194·54	7
...	...	...	...	...	...	1	·04	...	...	2	56	41	97	127·16	8
...	...	...	...	...	...	...	...	...	...	1	18	28	46	140·36	9
...	...	...	...	...	...	1	·02	2	·04	10	76	66	142	135·92	10
...	...	...	...	...	...	2	·11	1	·05	8	57	55	112	183·63	11
...	...	...	...	...	...	...	...	1	·03	9	72	79	151	140·33	12
...	...	...	...	...	...	1	0·6	...	...	9	15	16	31	100·91	13
...	...	...	...	...	...	...	...	...	...	2	17	11	28	97·57	14
...	...	...	...	...	...	2	·21	...	...	8	35	17	52	123·36	15
...	...	...	...	...	...	...	...	...	...	8	30	17	47	80·61	16
...	...	...	...	...	...	...	...	...	...	...	5	8	13	83·87	17
...	...	...	...	...	...	...	...	...	...	14	20	21	41	105·47	18
...	...	...	...	...	...	1	·08	1	·08	8	7	16	23	72·9	19
...	...	...	...	...	...	...	...	3	0·6	26	67	59	126	84·13	20
...	...	...	...	...	...	3	·38	...	...	2	13	13	26	96·65	21
...	...	...	...	...	...	1	·11	...	...	3	4	12	16	55·91	22
...	...	...	...	...	...	...	...	...	...	3	11	14	25	74·63	23
...	...	...	...	...	...	1	·09	...	...	1	22	22	44	120·68	24
10	·15	1	·01	...	...	...	...	...	...	36	113	112	225	134·65	25
...	...	...	...	...	...	...	...	...	...	10	66	38	104	140·54	26
...	...	...	...	...	...	...	...	...	...	5	31	19	50	183·15	27
...	...	...	...	...	...	...	...	...	...	3	9	13	22	125·71	28
...	...	...	...	...	...	...	...	...	...	1	23	22	45	88·41	29
...	...	...	...	...	...	...	...	1	·10	...	5	6	11	73·83	30
...	...	...	...	...	...	...	...	...	...	4	33	30	63	151·81	31
...	...	...	...	...	...	...	...	2	·25	5	17	15	32	108·11	32

1	2	3		4		5		6	
No	Districts and Towns.	Enteric Fever.		Measles.		Cerebro-spinal Fever.		Malaria.	
		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS—*contd.*								
	Surat District.								
33	Surat	94	·50	79	·42	1	·00	397	2·10
34	Rander	...	...	...	...	...	...	5	·30
35	Bardoli	...	...	...	...	...	...	3	·35
36	Bulsar	3	·12	...	...	...	...	5	·19
37	Pardi	1	·13	...	...	...	...	...	...
38	Bansda	...	...	...	...	...	...	3	·46
39	Gandevi	...	...	1	·01	..	...	...	...
40	Bilimoria	...	...	...	...	...	...	...	...
41	Vyara	...	...	...	...	...	...	...	...
42	Kathore	...	...	...	...	...	...	...	...
43	Variav	...	...	...	...	...	...	...	...
44	Songadh	...	...	...	...	...	...	...	...
45	Navsari	...	...	...	...	...	...	...	...
46	Dharampur	...	...	...	...	...	...	...	...
	Broach District.								
47	Broach	13	·17	19	·25	3	·04	5	.06
48	Amod	...	...	...	...	...	...	...	...
49	Jambusar	1	·06	2	·12	...	...	6	·30
50	Ankleshwar	...	...	...	...	...	...	...	...
51	Hansot	...	...	...	...	...	...	...	...
52	Rajpipla								Not
	Kaira District.								
53	Kaira	...	...	9	1·17	...	...	...	...
54	Mehmedabad	...	...	12	1·42	...	...	...	...
55	Nadiád	...	...	126	2·23	...	...	1	·02
56	Mahuda	...	...	1	·11	...	...	...	...
57	Borsad	3	·15	17	·83	...	...	...	...
58	Anand	8	·37	4	·18	...	...	4	·18
59	Umreth	...	...	49	2·16	...	...	...	...
60	Dákor	...	...	18	1·55	...	...	11	·95
61	Kapadvanj	5	21	18	·76	...	...	...	...
62	Matar	...	...	1	·22	...	...	...	...
63	Petlad	...	...	...	...	...	...	...	...
64	Sojitra	...	...	...	...	...	..	...	...
65	Vas	...	...	...	...	...	...	...	...
66	Dharmaj	...	...	...	...	...	...	...	...
67	Bhadran	...	...	...	...	...	...	...	...
68	Atarsumba	...	...	...	...	...	...	...	...
69	Balasinor	4	·23	13	·71	...	...	...	...
70	Cambay	...	...	...	...	...	...	...	...
	Panch Mahals District.								
71	Godhra	6	·13	1	·02	...	...	...	...
72	Dohad	...	...	6	·47	...	...	...	...
73	Jhalod	...	...	...	...	...	...	...	...
74	Kalol	...	...	...	...	...	...	...	...
75	Halol	1	·14	...	...	...	...	...	...
76	Sanjeli								Not
77	Baria								Not
78	Santrampur								Not
79	Lunawada								Not

No. VI (a)—*contd.*

7 Influenza.		8 Kala Azar.		10 Typhus.		12 Other Fevers.		13 Dysentery.		14 Diarrhœa.		15 Pneumonia	
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
1	·00	...	...	...	...	679	3·61	38	·21	205	·10	464	2·47
...	...	...	...	...	...	216	12·89	...	...	1	·05	...	...
...	...	...	...	...	...	22	2·60	4	·47	4	·47	18	·47
...	...	...	...	...	...	26	1·04	3	·12	9	·36	12	·47
...	...	...	...	...	...	45	6·24	...	...	...	...	7	·97
...	...	...	...	...	...	10	1·54	...	...	...	...	...	...
...	...	...	...	...	...	75	2·98	43	1·71	15	·60	11	·44
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	24	2·86	6	·71	...	...	...	...
...	...	...	...	...	...	123	12·35	17	1·70	...	...	1	·10
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	36	12·07	1	·33	...	...	...	1·00
...	...	...	...	...	...	438	15·09	42	1·47	...	...	3	...
...	...	...	...	...	...	47	7·58	...	...	...	...	...	...
...	...	...	...	...	...	334	4·52	5	·06	26	·36	11	·15
...	...	...	...	...	...	62	7·40	...	...	...	...	...	...
...	...	...	...	...	...	273	16·70	4	·21	10	·90	3	·16
...	...	...	...	...	...	268	16·36	...	...	4	·24	2	·12
...	...	...	...	...	...	73	11·97	...	...	...	...	...	...
recei	ved.												
...	...	...	...	...	...	142	18·44	2	·26	1	·13	5	·65
...	...	...	...	...	...	158	18·75	9	1·06	2	·22	1	·11
...	...	...	...	...	...	1,053	19·17	6	·11	12	·21	15	·27
...	...	...	...	...	...	121	13·61	24	2·70	4	·45	3	·34
...	...	...	...	...	...	334	16·65	12	·60	19	·95	15	·75
...	...	...	...	...	...	240	11·05	15	·70	24	1·10	63	2·91
...	...	...	...	...	...	298	15·89	2	·11	10	·52	...	...
...	...	...	...	...	...	124	10·72	...	...	23	1·98	16	1·38
...	...	...	...	...	...	203	8·83	2	·09	13	·65	4	·16
...	...	...	...	...	...	17	3·82	...	...	...	...	1	0·22
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	1,040	11·92	30	·34	...	...	3	·03
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	123	12·15	...	...	...	...	...	...
...	...	...	...	...	...	46	11·01	4	·96	...	...	2	·48
...	...	...	...	...	...	123	6·60	23	1·26	4	·23	...	...
...	...	...	...	...	...	197	3·30	6	·10	...	...	...	...
...	...	...	...	...	...	350	7·33	3	·06	5	·11	4	·08
...	...	...	...	...	...	260	20·53	4	·32	25	1·97	25	1·97
...	...	...	...	...	...	84	8·90	...	...	...	...	2	·21
...	...	...	...	...	...	68	9·67	1	·14	...	...	1	·14
...	...	...	...	...	...	40	5·62	...	...	1	·14	...	...
ceiv	ed.												
cei	ved.												
cei	ved.												
cei	ved.												

1	2	16 Pulmonary Tuberculosis.		17 Whooping Cough.		18 Other Respiratory diseases.		19 Beri Beri.		20 Diphtheria.	
No.	Districts and Towns.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS—*contd.*										
	Surat District.										
33	Surat ...	273	1·45	3	·01	433	2·30	1	·00	...	...
34	Ránder ..	20	1·19	...	...	25	1·50	...	...	...	...
35	Bardoli ...	10	1·18	2	·24	8	·95	...	...	...	...
36	Bulsar ...	12	·47	...	...	28	·12	...	...	...	...
37	Pardi ...	5	·70	1	·13	5	·70	...	...	...	...
38	Bansda ...	...	...	..	...	4	·61	...	...	...	...
39	Gandevi ...	...	...	...	...	55	2·19	...	...	...	...
40	Bilimoria ...	...	...	...	...	...	...	...	...	...	...
41	Vyara ...	...	...	...	...	34	4·04	...	...	...	...
42	Kathore ...	...	...	1	·10	12	1·21	...	...	...	...
43	Variav ...	...	...	...	...	...	...	...	...	...	...
44	Sońgadh ...	..	...	...	...	2	·68	...	...	...	...
45	Navsari ...	1	·03	...	...	46	1·61	...	...	...	...
46	Dharampur ...	...	..	...	...	2	·32	...	...	...	...
	Broach District.										
47	Broach ...	60	·82	...	...	85	1·15	...	...	...	...
48	Amod ...	4	·44	...	...	...	...	...	...	...	...
49	Jambusar ...	14	·80	1	·06	19	1·10	...	...	...	...
50	Ankleshwar	4	·24	...	...	2	·12	...	..	...	...
51	Hansot ...	7	1·14	...	...	1	·16	...	..	...	...
52	Rajpipla ...										Not
	Kaira District.										
53	Kaira ..	11	1·43	...	...	13	1·69	...	...	...	...
54	Mehmedabad ...	17	2·01	1	·11	16	1·89	...	...	...	...
55	Nadiád ...	65	1·15	...	...	4	·07	...	...	...	...
56	Mahuda ...	20	2·26	3	·33	41	4·62	...	...	...	...
57	Borsad ...	32	1·60	...	...	13	·65	...	...	...	...
58	Anand ..	49	2·26	2	·09	...	...	...	...	1	·04
59	Umreth ...	11	·58	5	·27	57	3·04	...	...	...	...
60	Dakor ...	13	1·12	3	·25	72	6·22	...	...	...	...
61	Kapadvanj ..	26	1·10	1	.04	40	1·79	2	·09	3	·12
62	Matar ...	5	1·10	2	·44	15	3·31	...	...	...	...
63	Petlad ...	...	...	...	...	...	...	...	...	...	...
64	Sojitra ...	4	·04	...	...	100	1·15	...	...	...	...
65	Vaso ...	...	...	...	...	...	...	...	...	...	...
66	Dharmaj ..	...	...	...	...	...	...	...	...	...	...
67	Bhadran ...	1	·24	...	...	5	1·20	...	...	...	...
68	Atarsumba ...	13	·71	...	...	12	·64	...	...	...	...
69	Balasinor ...	...	...	...	...	6	·10	...	...	...	...
70	Cambay ...	...	...	...	...	...	...	...	...	...	...
	Panch Mahals District.										
71	Godhra ...	20	·42	2	·04	8	·17	...	...	...	...
72	Dohad ...	14	1·11	2	·16	14	1·11	...	...	...	...
73	Jhalod ...	3	·32	...	...	6	·64	...	...	...	...
74	Kalol ...	5	·71	...	...	3	·43	...	...	...	...
75	Halol ...	1	·14	2	·28	2	·28	...	...	...	...
76	Sanjeli ...										Not
77	Baria ...										Not
78	Santrampur ...										Not
79	Lunawada ...										No

No. VI (*a*)—*conta.*

21 Chicken-pox.		22 Acute Poliomyelities.		23 Mumps.		26 Leprosy.		27 Cancer.		28 Deaths from child birth.	29 Deaths under 1 year.			30 Infant mortality rate per 1,000 births.	31 No.
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.		Male.	Female.	Total.		
1	·00	...	...	...	...	...	...	90	·48	48	823	723	1,546	183·04	33
...	...	1	·05	...	...	...	...	4	·24	1	38	31	69	149·02	34
...	...	...	...	...	...	...	...	3	·45	2	16	19	35	101·49	35
...	...	...	...	...	...	...	...	...	...	3	23	25	48	40·40	36
...	...	...	...	...	...	...	...	1	·13	4	16	11	27	71·61	37
...	...	...	...	...	...	...	...	...	...	1	2	2	4	121·21	38
...	...	...	...	...	...	...	...	...	...	...	38	42	80	90·60	39
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	40
...	...	...	...	...	...	...	...	...	...	...	13	16	29	77·33	41
...	...	...	...	...	...	...	...	...	...	...	36	32	18	216·56	42
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	43
...	...	...	...	...	...	...	...	...	...	...	3	8	11	94·01	44
...	...	...	...	...	...	...	...	2	·06	8	59	52	111	72·61	45
...	...	...	...	...	...	...	...	...	...	2	5	3	8	200·00	46
...	...	...	...	...	...	...	...	...	...	23	235	230	465	185·27	47
...	...	...	...	...	...	...	...	2	·21	4	12	4	16	101·29	48
...	...	...	...	...	...	...	...	3	·17	1	66	61	127	213·44	49
...	...	...	...	...	...	...	...	...	...	3	37	50	87	135·91	50
...	...	...	...	...	...	...	...	1	·16	...	5	...	5	24·88	51
recei	ved.														52
...	...	...	...	...	...	...	...	3	·39	...	43	35	78	249·20	53
...	...	...	...	...	...	...	...	4	·47	1	41	48	89	193·06	54
...	...	...	...	...	...	...	...	4	·07	25	260	243	503	226·98	55
...	...	...	...	...	...	...	...	...	...	2	54	54	108	252·92	56
...	...	...	...	...	...	...	...	1	·05	2	85	95	180	170·31	57
...	...	...	...	...	...	...	...	14	·64	5	67	54	121	133·87	58
...	...	...	...	...	...	...	...	2	...	6	147	149	296	350·70	59
...	...	...	...	...	...	...	...	2	·18	1	52	61	113	248·35	60
...	...	...	...	...	...	...	...	...	·08	10	88	82	170	144·06	61
...	...	...	...	...	...	...	...	...	...	1	10	11	21	177·96	62
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	63
...	...	...	...	...	...	...	...	...	·01	...	221	206	427	188·21	64
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	65
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	66
...	...	...	...	...	...	...	...	...	...	...	12	17	29	123·40	67
...	...	...	...	...	...	...	...	...	...	...	10	17	27	259·61	68
...	...	...	...	...	...	...	...	...	...	3	51	38	89	224·18	69
...	...	...	...	...	...	...	...	...	...	...	38	32	70	188·67	70
...	...	...	...	...	...	...	...	3	·06	13	44	51	95	102·48	71
...	...	...	...	...	...	...	...	...	...	5	56	51	101	119·10	72
...	...	...	...	...	...	...	...	...	...	...	10	6	16	75·47	73
...	...	...	...	...	...	...	...	...	...	...	7	7	14	63·03	74
...	...	...	...	...	...	...	...	...	...	1	4	8	12	46·87	75
recei	ved.														76
recei	ved.														77
recei	ved.														78
recei	ved.														79

1	2	3		4		5		6	
No.	Districts and Towns.	Enteric Fever.		Measles.		Cerebro-spinal Fever.		Malaria.	
		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS—*contd.*								
	Ahmedabad District.								
80	Ahmedabad	105	·14	139	·19	2	·00	44	·06
81	Dhanduka	...	..	...	...	...		...	...
82	Dholera	...	...	...	...	...	...	...	...
83	Ranpur	1	·11	9	1·06	...	...	...	...
84	Sanand	...	...	2	·20	...	...	...	...
85	Viramgam	15	·46	10	·30	...	...	8	·21
86	Mandel	...	...	...	...	...	...	...	...
87	Patdi	...	...	4	·49	...	...	1	·12
88	Prantij	...	...	28	3 08	...	...	100	11·02
89	Modasa	1	·07	2	·14	...	...	...	..
90	Dholka	4	·19	...	...	...	...	233	11·58
91	Ahmedabad Cantonment ...	...	...	...	...	...	...	...	...
92	Dehgam	...	...	...	...	...	...	...	...
	Banas Kanta District.								
93	Palanpur								Not
94	Deesa	...	...	...	...	...	...	...	...
	Sabar Kanta District.								
95	Himatnagar								Not
96	Idar								Not
97	Vadali	...	...	...	...	...	...	...	...
	Ahmednagar District.								
98	Ahmednagar	9	·13	16	·25	...	...	36	·56
99	A'nagar Cantonment... ...	6	·38	...	...	...	...	7	·42
100	Kopergaon	2	·20	2	·20	...	...	21	2·08
101	Pathardi	...	...	...	...	...	...	2	·26
102	Sangamner	1	·08	2	·08	...	...	6	·48
103	Shrirampur	2	·18	2	·09	...	...	13	1·18
104	Shrigonda	...	...	...	...	...	...	3	·11
	Poona District.								
105	Poona City	41	·14	58	·20	...	...	490	1·72
106	Poona Suburban	1	·04	...	...	...	...	47	2·07
107	Junner	4	·34	...	.	...	...	1	·09
108	Baramati	4	·22	1	·06	...	...	3	·16
109	Lonáwala	...	...	...	...	...	...	42	3·81
110	Poona Cantonment	3	·07	...	...	...	...	2	·07
111	Kirkee Cantonment	2	·06	1	·03	...	...	11	·32
112	Alandi	...	...	...	...	...	...	8	3·32
113	Indapur	2	·29	...	...	...	...	14	2·03
114	Jejuri	...	...	...	...	...	...	1	·33
115	Saswad	6	1·08	...	...	...	...	11	1·97
116	Sirur	...	...	...	...	...	...	2	.29
117	Talegaon Dabhade	...	...	...	...	...	...	27	3·86
118	Dhond	2	·13	2	·13	...	...	22	1·39
119	Bhor	1	·14	2	·28	...	...	41	5·80

No. VI (*a*)—*contd.*

7 Influenza.		8 Kala Azar.		10 Typhus.		12 Other Fevers.		13 Dysentery.		14 Diarrhœa.		15 Pneumonia.	
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
...	...	...	...	...	...	10,621	14·80	65	·09	423	·58	267	·37
...	...	...	...	...	...	245	19·02	7	·54	2	·15	...	...
...	...	...	...	...	...	50	12·29	...	...	...	...	...	...
...	...	...	...	...	..	77	9·12	2	·23	5	·59	8	·94
...	...	...	...	...	...	113	11·42	...	...	1	·10	...	...
...	...	...	...	...	...	426	13·08	9	·27	21	·64	15	·46
...	...	...	...	...	...	81	13·14	2	·32	6	·97	1	·16
...	...	...	...	...	...	60	7·46	1	·12	3	·37	7	·87
...	...	...	...	...	...	42	4·63	5	·55	2	·22	9	·99
...	...	...	...	...	...	189	13·59	3	·21	1	·07	...	...
...	...	...	...	...	...	125	6·21	5	·24	3	·14	14	·69
...	...	...	...	...	...	14	3·99	4	1·14	...	...	2	·57
...	...	...	...	...	...	303	36·20	12	1·43	2	·23	...	...
recei ved.													
...	...	...	...	...	...	2	30	...	...	...	...	1	·14
recei ved.													
recei ved.													
...	...	...	...	...	...	56	9·75	...	...	...	...	...	...
...	...	...	...	...	...	107	1·67	28	·43	40	·62	173	1 75
...	...	...	...	...	...	24	1·30	6	·38	13	·77	15	·89
...	...	...	...	...	...	31	3·06	6	·59	17	1·68	...	...
...	...	...	...	...	...	12	1·55	...	...	...	...	5	·65
...	...	...	...	...	...	14	1·11	3	·24	7	·56	4	·32
...	...	...	...	...	...	19	1·73	2	·18	11	1·09	8	·72
...	...	...	...	...	...	1	1·11	2	·23	...	...	3	·34
...	...	...	...	...	...	406	1·43	196	.69	165	·58	375	1·32
...	...	...	...	...	...	210	9·22	28	1.23	6	26	14	·65
...	...	...	...	...	...	11	·98	...	...	...	...	3	·27
...	...	...	...	...	...	44	2·42	22	1·21	11	·60	17	·03
...	...	...	...	...	...	13	1·18	24	2·18	10	·91	7	·63
...	...	...	...	...	...	25	·56	16	·36	15	·33	42	·95
..	...	...	...	...	...	56	1·62	31	·90	29	·84	29	·85
..	...	...	.	...	...	2	·83	5	2 07	...	...	...	...
..	..	...	...	...	...	17	2·50	1	·15	...	...	...	...
...	...	...	...	...	...	11	3·67	3	1·00	2	·67	...	...
...	...	...	...	...	...	15	2·69	11	1·97	3	·54	5	·90
...	...	...	...	...	...	17	2·50	5	·74	2	·29	4	·59
...	...	...	...	...	...	16	2·29	5	·71	...	...	5	·71
...	...	...	...	...	...	20	1·27	13	·82	2	·12	14	·89
...	...	...	...	...	...	17	2·41	6	·85	4	57	3	·42

1	2	16 Pulmonary Tuberculosis.		17 Whooping Cough.		18 Other Respiratory Diseases.		19 Beri Beri.		20 Diphtheria.	
No.	Districts and Towns.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS—*contd.*										
	Ahmedabad District.										
80	Ahmedabad ...	391	·54	50	·06	2,030	2·82	...	...	8	·01
81	Dhanduka ...	7	·54	...	...	30	2·23	...	...	...	...
82	Dholera ..	4	·98	...	...	15	3·68	...	...	...	...
83	Ranpur ...	4	·47	3	·35	19	2·25	...	...	...	...
84	Sanand ...	8	·80	...	...	41	4·13	...	...	...	...
85	Viramgam ..	41	1·25	3	·09	171	5·25	...	...	...	...
86	Mandel ...	6	·97	1	·16	5	·81	...	...	...	...
87	Patdi ...	13	1·60	...	...	12	1·49	...	...	...	...
88	Prantij ...	11	1·21	3	·33	28	3·08	...	...	...	...
89	Modasa ...	3	·21	2	·14	5	·35	...	...	...	...
90	Dholka ...	19	·94	2	·09	27	1·24	..	...	...	...
91	Ahmedabad Cantonment.	3	·85	...	..	7	1·99	...	...	...	...
92	Dehgam ...	...	...	1	·11	7	·83	...	...	...	...
	Banas Kanta District.										
93	Palanpur ...										Not
94	Deesa ...	...	...	...	...	1	·14	...	...	...	...
	Sabar Kanta District.										
95	Himatnagar ...										Not
96	Idar ...										Not
97	Vadali ...	...	...	...	...	...	...	...	...	...	...
	Ahmednagar District.										
98	Ahmednagar ...	81	1·23	...	...	170	2·64	...	...	...	...
99	A'nagar Cantonment.	17	1·01	...	...	23	1·37	...	...	...	...
100	Kopergaon ...	11	1·09	...	...	44	4·35	...	...	...	...
101	Pathardi ...	15	1·93	...	...	37	4·77	...	...	...	...
102	Sangamner ...	14	1·11	...	...	22	1·75	...	...	...	...
103	Shrirampur ...	15	1·36	1	·09	36	3·29	...	...	...	...
104	Shrigonda ...	13	1·48	...	...	29	3·30	...	...	...	...
	Poona District.										
105	Poona City ...	84	2·05	9	·03	866	3·04	..	...	10	·04
106	Poona Suburban ...	18	·79	10	·43	49	2·15	...	...	1	·04
107	Junner ...	10	·89	...	...	6	·53	...	...	...	...
108	Baramati ...	20	1·10	1	·06	31	1·70	...	...	1	·06
109	Lonáwala ...	15	1·36	1	·09	34	3·08	...	...	...	...
110	Poona Cantonment...	40	·90	2	·05	136	3·06	...	...	...	...
111	Kirkee Cantonment .	39	1·13	8	·23	121	3·50	...	...	1	·02
112	Alandi ...	3	1·24	...	...	6	2·49	...	...	...	...
113	Indapur ...	3	·44	...	...	13	1·91	...	...	...	...
114	Jejuri ...	5	1·67	...	...	17	5·68	...	...	...	..
115	Saswad ...	10	1·80	...	...	16	2·87	...	...	...	...
116	Sirur ...	7	1·30	...	...	12	1·77	...	...	...	...
117	Talegaon Dabhade ...	8	1·15	...	...	7	1·00	...	...	...	.
118	Dhond ...	12	·76	...	...	29	1·84	...	...	1	·06
119	Bhor ...	19	2·69	...	...	18	2·55	...	...	...	...

No. VI (*a*)—*contd.*

21 Chicken-pox.		22 Acute Polio-myelities.		23 Mumps.		26 Leprosy.		27 Cancer.		28 Deaths from child birth.	29 Deaths under 1 year.			30 Infant mortality rate per 1,000 births.	1 No.
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.		Male.	Female.	Total.		
11	·01	...	...	...	...	1	·00	19	·02	78	3,631	3,450	7,081	244·52	80
...	...	...	...	...	...	...	...	5	·38	3	60	56	110	207·93	81
...	...	...	...	...	...	...	...	...	...	2	8	12	20	157·48	82
...	...	...	...	...	...	...	...	...	...	2	28	28	56	186·66	83
...	...	...	...	...	...	...	...	...	...	2	18	17	35	125·89	84
...	...	...	...	...	...	...	...	6	·18	7	128	141	269	163·98	85
...	...	...	...	...	...	...	...	2	·32	...	12	9	21	108·24	86
...	...	...	...	...	...	...	...	1	·12	2	31	30	61	226·76	87
...	...	...	...	...	...	...	...	...	...	...	35	35	70	173·26	88
...	...		...	...	...	...	...	...	...	...	30	20	50	145·97	89
...	...	...	...	...	...	...	...	...	...	4	86	96	182	201·55	90
...	...	...	...	...	...	...	...	...	...	...	4	1	5	71·42	91
...	...	...	...	...	...	1	·11	1	·11	...	62	58	120	274·59	92
recei	ved.														93
...	...	...	...	..	...	...	...	...	...	...	4	3	7	583·33	94
recei	ved.														95
recei	ved.														96
6	1·05	...	...	...	...	...	...	1	·17	...	9	1	10	135·13	97
1	·02	...	..	...	...	4	·06	1	·02	4	151	119	270	90·88	98
...	...	...	...	...	...	..	...	...	...	4	33	18	51	140·88	99
2	·09	...	...	...	...	...	...	...	...	...	18	14	32	123·08	100
...	...	...	...	...	...	...	...	1	·13	1	6	4	10	70·92	101
...	...	...	...	...	...	1	·08	...	...	...	6	5	11	37·08	102
...	...	...	...	...	...	1	·09	3	·27	...	41	28	69	272·72	103
...	...	...	...	...	...	...	...	...	...		4	5	9	70·31	104
13	·05	14	·05	...	...	6	·02	4	·01	9	1,144	1,065	2,209	219·49	105
...	...	...	...	...		...	...	3	·13	...	96	57	153	410·18	106
...	...	...	...	...	...	...	...	1	·09	...	5	3	8	19·41	107
3	·16	...	...	...	...	...	...	...	...	...	22	23	45	90·00	108
...	...	1	·09	...	...	...	...	...	...	...	18	25	43	114·66	109
...	...	1	·02	...	...	...	...	3	·06	...	36	14	50	37·93	110
...	...	...	...	...	...	...	...	1	·02	...	74	49	123	140·25	111
...	...	...	...	...	...	..	...	...	...	...	4	5	9	103·44	112
...	...	...	...	...	...	...	...	...	...	...	...	1	1	27·02	113
...	...	...	...	...	...	2	·67	...	...	...	3	3	6	50·84	114
...	...	...	...	...	...	...	...	...	...	...	13	5	18	87·37	115
...	...	...	...	...	...	...	...	...	...	...	10	1	11	65·47	116
...	...	...	...	...	...	...	...	...	...	...	19	12	31	164·02	117
...	...	...	...	...	...	...	...	...	...	...	15	10	25	61·22	118
...	...	...	...	...	...	...	...	1	·14	...	14	9	23	86·79	9

1	2	3		4		5		6	
No.	Districts and Towns.	Enteric Fever.		Measles.		Cerebro Spinal Fever.		Malaria.	
		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS—*contd.*								
	Nasik District.								
120	Násik	14	·23	5	·08	...	...	142	2·32
121	Bhagar	...	...	...	...	...	...	34	5·13
122	Trimbak	...	...	...	...	...	...	13	7·09
123	Sinner	...	...	...	...	..	...	29	2·11
124	Igatpuri	1	·14	18	2·58	...	...	13	1·86
125	Manmad	...	...	...	...	...	...	20	·96
126	Nandgaon	...	...	1	·09	...	...	31	2·71
127	Yeola	...	...	2	·11	...	...	8	·43
128	Málegaon	1	·02	35	·76	...	...	30	·65
129	Deolali Cantonment	2	·09	...	...	...	...	4	·17
	Thana District.								
130	Bassein	12	·22	...	...	...	...	2	·14
131	Bhiwandi	4	·19	...	...	...	...	...	...
132	Thana	8	·22	...	...	...	...	18	·49
133	Kalyán	29	·82	...	...	...	...	16	·45
134	Palghar	10	8·24	...	...	...	...	2	·45
135	Malad	34	2·13	...	...	...	...	45	2·32
136	Jawhar	...	...	...	...	...	...	...	...
	Bombay Suburban District.								
137	Ghatkopar	4	·15	1	·04	...	...	3	·11
138	Kurla	2	·04	...	...	...	...	6	·13
139	Juhu	...	...	...	...	...	...	...	...
140	Parle Andheri	8	·14	7	·12	...	...	46	·82
141	Bandra	16	·16	...	...	...	...	16	·16
	Kolaba District.								
142	Alibág	7	1·09	...	...	...	...	...	...
143	Pen	6	·76	...	...	...	...	4	·51
144	Roha	3	·49	...	...	...	...	5	·81
145	Mahád	...	...	...	...	...	...	11	1·35
146	Panvel	6	·46	...	...	...	...	9	·69
147	Uran	10	4·00	...	...	...	...	5	2·01
148	Matheran	3	1·07	...	...	...	...	1	·25
149	Murud	2	·23	7	·79	...	...	3	·34
150	Shriwardhan	6	·75	...	...	...	...	...	...
151	Mhasla	...	...	...	...	...	...	...	...

No. VI (*a*)—*contd.*

7 Influenza.		8 Kala Azar.		10 Typhus.		12 Other Fevers.		13 Dysentery.		14 Diarrhœa.		15 Pneumonia.	
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
...	...	...	...	...	...	143	2·34	7	·11	66	1·08	81	1·32
...	...	...	...	...	...	6	·21	...	·30	6	·91	5	·76
...	...	...	...	...	...	15	3·53	...	...	3	·70	...	...
...	...	...	...	...	...	19	1·39	1	·07	13	·45	4	·29
...	...	...	...	...	...	18	2·58	2	·29	14	2·01	7	1·00
...	...	...	...	...	...	27	1·31	2	·09	4	·19	6	·29
...	...	...	...	...	...	26	2·27	2	·17	1	·09	2	·17
...	...	...	...	...	...	198	10·59	21	1·12	12	·64	12	·64
...	...	...	...	...	...	617	13·37	13	·28	79	1·91	30	·65
...	...	...	...	...	...	25	1·07	...	...	...	...	3	·13
...	...	...	...	...	...	24	1·64	4	·27	5	·34	9	·61
...	...	...	...	...	...	90	4·20	5	·23	...	...	23	1·07
...	...	...	...	...	...	253	6·95	16	·44	9	·25	26	·71
...	...	...	...	...	...	78	2·19	27	·76	17	·48	15	·42
...	...	...	...	...	...	24	5·39	...	...	1	·22	3	·67
...	...	...	...	...	...	23	1·44	12	·75	9	·56	95	5·95
...	...	...	...	...	...	13	3·53	1	·27	...	...	1	·27
...	...	...	...	...	...	279	11·20	13	·49	18	·08	20	·75
...	...	...	...	...	...	187	4·03	21	·45	28	·60	7	·15
...	...	...	...	...	...	10	2·14	...	...	...	...	4	·86
...	...	...	...	...	...	49	·87	13	·23	14	·25	38	·68
...	...	...	...	...	...	212	2·21	81	·84	71	·74	111	1·16
...	...	...	...	...	...	18	2·81	1	·16	3	·47	5	·78
...	...	...	...	...	...	16	2·03	4	·51	3	·38	7	·89
...	...	...	...	...	...	32	5·22	7	1·14	13	2·12	1	·17
...	...	...	...	...	...	36	4·40	1	·12	11	1·35	5	·61
...	...	...	...	...	...	79	6·04	8	·61	6	·46	4	·30
...	...	...	...	...	...	16	6·42	2	·80	1	·41	7	2·81
...	...	...	...	...	...	11	3·91	3	1·07	1	·35	5	1·78
...	...	...	...	...	...	32	3·60	7	·79	4	·46	6	·67
...	...	...	...	...	...	42	5·22	...	...	2	·25	...	...
...	...	...	...	...	...	34	12·00	2	·71	...	...	2	·70

1	2	16		17		18		19		20	
No.	Districts and Towns.	Pulmonary Tuberculosis.		Whooping Cough.		Other Respiratory diseases.		Beri Beri.		Diphtheria.	
		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS—*contd.*										
	Nasik District.										
120	Násik ...	161	2·63	33	·54	167	2·73	...	...	...	...
121	Bhagur ...	10	1·51	1	·15	30	4·54	...	...	...	..
122	Trimbak ...	2	·41	1	·24	8	1·90	...	...	...	...
123	Sinner ...	5	·37	...	...	15	1·09	...	...	...	...
124	Igatpuri ...	7	1·00	4	·58	14	2·01	...	...	...	...
125	Manmad ...	9	·43	...	...	17	·82	...	...	...	...
126	Nandgaon ...	4	·35	1	·09	14	1·22	...	...	...	...
127	Yeola ...	47	2·51	11	·59	79	4·23	...	...	...	...
128	Málegaon ...	49	1·06	7	·15	80	1·73	...	...	...	...
129	Deolali Cantonment.	5	·21	1	·04	12	·51	...	...	...	...
	Thana District.										
130	Bassein ...	111	·75	...	...	4	·27	...	...	...	...
131	Bhiwandi ...	15	·70	2	·09	10	·47	...	...	...	...
132	Thána ...	42	1·15	...	...	24	·66	...	...	1	·03
133	Kalyán ...	41	1·15	...	...	31	·87	...	...	...	...
134	Palghar ...	2	·45	...	...	5	1·12	...	...	..	...
135	Malad ...	25	1·57	...	...	81	5·08	...	...	...	...
136	Jawhar ...	...	...	...	...	1	·27	...	...	...	...
	Bombay Suburban District.										
137	Ghatkopar ...	19	·78	...	...	100	3·77	...	...	...	...
138	Kurla ...	89	1·92	...	...	313	2·87	...	...	...	...
139	Juhu ...	4	·86	...	...	8	1·71	...	...	...	...
140	Parle Andheri ...	31	·55	1	·02	69	1·23	...	...	...	...
141	Bandra ...	11	·11	3	·03	376	3·93	...	...	...	...
	Kolaba District.										
142	Alibág ...	14	2·18	...	...	11	1·71	...	...	...	...
143	Pen ...	11	1·40	1	·13	5	·64	...	...	...	...
144	Roha ...	9	1·47	...	...	11	1·79	...	...	...	...
145	Mahád ...	17	2·08	...	...	12	1·46	...	...	...	...
146	Panvel ...	27	2·06	...	...	15	1·15	...	...	...	...
147	Uran ...	10	4·00	...	...	11	4·41	...	...	...	...
148	Matheran ...	11	3·91	...	...	18	6·39	...	...	...	...
149	Murud ...	13	1·46	...	...	12	1·35	...	...	...	...
150	Shriwardhan ...	15	1·87	...	...	33	4·10	...	...	...	...
151	Mhasla ...	5	1·76	...	...	2	·71	...	...	...	...

No. VI (*a*)—*contd.*

21 Chicken-pox.		22 Acute Polio-myelities.		23 Mumps		26 Leprosy.		27 Cancer.		28 Deaths from child birth.	29 Deaths under 1 year.			30 Infant mortality rate per 1,000 births.	1 No.
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.		Male.	Female.	Total.		
21	·34	...	...	...	...	1	·01	...	...	16	246	205	451	177·97	120
1	·15	...	...	...	...	...	...	...	...	...	14	6	20	185·18	121
1	·24	...	...	...	...	...	...	...	...	...	14	13	27	165·64	122
1	·07	...	...	...	...	...	...	...	...	...	15	14	29	119·83	123
2	·29	...	...	...	...	...	·02	...	...	1	15	15	30	91·17	124
1	·04	...	...	...	...	...	...	...	...	...	8	9	17	56·25	125
...	...	...	...	...	...	...	...	...	...	...	10	9	19	63·97	126
10	·54	...	...	...	...	...	·03	...	...	1	66	75	141	208·27	127
79	1·72	...	...	...		1	·08	...	...	2	142	125	267	160·45	128
...	...	...	...	...	...	...	...	...	...	1	12	3	15	27·32	129
...	...	...	...	...	...	...	...	1	·06	2	13	9	22	48·56	130
1	·05	...	...	...	...	...	...	2	·09	1	16	10	26	51·38	131
1	·03	...	...	...	...	1	...	6	·16	1	82	66	148	142·58	132
3	·08	...	...	...	...	3	...	9	·24	2	36	21	57	64·84	133
2	·45	...	...	...	...	...	...	...	...	...	1	2	3	13·21	134
2	·13	...	...	...	...	...	...	3	·19	...	39	39	78	15·00	135
...	...	...	...	...	...	...	...	...	...	...	...	1	1	13·33	136
1	·04	...	...	...	...	5	·19	...	...	...	84	71	155	216·17	137
...	...	...	...	...	...	2	·04	...	...	4	75	86	161	105·93	138
...	...	...	...	...	...	...	...	...	...	...	8	4	12	129·03	139
2	·04	...	...	...	...	6	·11	...	...	...	51	44	95	61·05	140
2	·02	1	·01	...	...	6	·06	1	·01	...	219	205	424	134·62	141
1	·15	...	...	...	...	...	...	2	·31	2	3	2	5	12·76	142
...	...	...	...	...	...	...	...	1	·13	...	13	19	32	105·26	143
1	·17	...	...	...	...	...	...	...	...	2	10	1	11	99·09	144
1	·12	...	...	...	...	...	...	2	·24	2	6	1	7	30·30	145
2	·15	...	...	...	...	...	...	2	·15	3	17	7	24	80·53	146
1	·41	...	...	...	...	...	...	2	·80	2	4	8	12	54·30	147
...	...	...	...	...	...	...	...	1	·35	...	7	5	12	144·57	148
...	...	...	...	...	...	...	...	...	...	...	16	8	24	75·23	149
...	...	...	...	...	...	...	...	...	...	2	7	8	15	64·10	150
1	·35	...	...	...	...	...	...	...	...	1	6	4	10	158·73	151

1	2	3		4		5		6	
No.	Districts and Towns.	Enteric Fever.		Measles.		Cerebro-spinal Fever.		Malaria.	
		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS—*contd.*								
	Ratnagiri District.								
152	Ratnágiri	10	·77	...	...	...	...	4	·31
153	Vengurla	4	·18	...	...	...	...	3	·14
154	Málwan	5	·23	...	...	...	...	7	·32
155	Chiplun	1	·06	...	...	...	...	1	·06
156	Rajapur	2	·19	...	...	...	...	...	...
	Belgaum District.								
157	Belgaum	36	·56	28	·43	...	...	20	·32
158	Gokák	5	·33	10	·66	...	...	8	·53
159	Athni	1	·07	1	·07	...	...	...	...
160	Nipáni .	8	·44	6	·33	...	...	16	·89
161	Bailhongal	1	·09	...	...	...	...	...	...
162	Chikodi	6	·54	2	·18	...	...	3	·27
163	Khanapur	3	·50	...	...	...	...	15	2·51
164	Saundatti	...	...	...	...	...	...	7	·73
165	Shahapur Yellamma... ...	6	·40	5	·33	...	...	4	·27
166	Katkol	1	·16	...	...	...	...	15	2·44
167	Belgaum Cantonment ...	...	...	6	·38	...	...	2	·18
	Dharwar District.								
168	Dhárwár	18	·35	4	·08	...	...	15	·29
169	Hubli	30	·30	41	·40	...	...	37	·36
170	Gadag-Bettigeri	14	·23	85	1·41	...	...	36	·60
171	Ránebennur	1	·05	2	·11	...	...	5	·28
172	Nawalgund	8	1·06	...	...	...	...	3	·40
173	Annigeri	1	·11	3	·35	...	...	...	...
174	Bankapur	...	...	...	...	...	...	...	...
175	Byadgi	...	..	5	·54	...	...	4	·42
176	Hangal	1	·14	3	·41	...	...	1	·14
177	Haveri	6	·49	4	·33	...	...	4	·33
178	Nargund	...	...	2	·21	...	...	...	...
179	Shiggaon	24	3·95	...	...	...	...	3	·49
180	Ron	...	...	...	...	...	...	...	...
181	Tuminakatti	...	...	...	...	...	...	16	2·88
182	Shirahatti	...	...	3	·44	...	...	...	...
183	Lakshmeshwar	...	...	...	...	...	...	1	·09
184	Kundagol	8	1·08	1	·14	...	...	1	·14
185	Sawasi	...	...	1	·23	...	...	...	...
186	Kamadoli	...	...	...	...	...	...	2	·62
187	Gudigeri	...	...	2	·45	...	...	...	...
188	Sigali	...	...	...	...	...	...	...	...
189	Savanur	1	·07	2	·15	...	...	1	·07
	Bijapur District.								
190	Bijápur	15	·28	2	·04	...	...	1	·02
191	Bágalkot	8	·30	5	·19	...	...	15	·56
192	Guledgud	...	...	...	...	...	...	7	·35
193	Ilkal	3	·15	21	1·09	...	...	8	·42
194	Bilgi	...	...	...	...	...	...	1	·20
195	Hungund	...	...	...	...	...	...	...	...
196	Kerur	...	...	...	...	...	...	4	·35
197	Talikot	...	...	...	...	...	...	...	...
198	Bannatti	8	·79	1	·10	...	...	8	·79
199	Hunner	...	...	...	...	...	...	...	...
200	Jamkhindi	4	·23	1	·05	...	...	...	...
201	Savalgi	...	...	...	...	...	...	...	...
202	Terdal	...	...	...	...	...	...	...	...
203	Rabkvi	1	·13	...	...	...	...	2	·27
204	Mudhol	...	...	1	·11	...	...	...	...
205	Mahalingpur	...	...	2	·26	...	...	6	·79
206	Lokapur	...	...	...	...	...	...	...	...
207	Ramdurg	9	·72	3	·24	...	...	3	·24

No. VI (*a*)—*contd.*

7 Influenza.		8 Kala Azar.		10 Typhus.		12 Other Fevers.		13 Dysentery.		14 Diarrhœa.		15 Pneumonia	
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
...	...	...	...	...	...	85	6·43	1	·08	5	·39	2	·15
...	...	...	...	...	...	66	2·79	1	·04	...	...	...	...
...	...	...	...	...	...	108	4·77	11	·51	3	·14	11	·50
...	...	...	...	...	...	60	3·35	4	·23	1	·06	2	·11
...	...	...	...	...	...	60	5·18	2	·19	...	...	1	·01
...	...	...	...	...	...	136	2·12	7	·11	55	·85	23	·31
...	...	...	...	...	...	83	5·45	1	·07	39	2·56	1	·07
...	...	...	...	...	...	65	4·[illegible]8	...	...	23	1·51	1	·07
...	...	...	...	...	...	26	1·44	...	...	50	2·77	17	·94
...	...	...	...	...	...	59	4·90	...	...	18	1·50	1	·09
...	...	...	...	...	...	15	1·36	...	...	15	1·36	2	·18
...	...	...	...	...	...	1	·17	2	·33	1	·7	2	·33
...	...	...	...	...	...	13	1·35	...	...	5	·52	1	·10
...	...	...	...	...	...	16	1·08	...	...	16	1·08	4	·27
...	...	...	...	...	...	35	5·71	...	...	3	·49	...	...
...	...	...	...	...	...	29	1·82	4	·25	1	·06	1	·06
...	...	...	...	...	...	46	·78	23	·45	19	·37	10	·20
1	·09	...	...	...	...	247	2·42	56	·54	30	·30	16	·16
1	·02	...	...	...	...	284	4·72	8	·13	36	·60	9	·15
...	...	...	...	...	...	122	6·72	...	...	15	·82	1	·05
...	...	...	...	...	...	32	4·28	4	·53	10	1·32	1	·13
...	...	...	...	...	...	58	6·71	...	...	17	1·97	1	·11
...	...	...	...	...	...	35	4·54	...	...	...	...	...	...
...	...	...	...	...	...	44	4·69	...	...	2	·21	...	...
...	...	...	...	...	...	23	3·12	1	·14	7	·95	1	·14
...	...	...	...	...	...	30	2·46	3	·25	4	·33	2	·16
...	...	...	...	...	...	29	3·03	4	·42	25	2·61	1	·10
...	...	...	...	...	...	2	·33	...	...	1	·6	...	...
...	...	...	...	...	...	75	9·13	1	·12	...	...	...	...
...	...	...	...	...	...	6	1·08	...	...	2	·36	...	...
...	...	...	...	...	...	47	6·85	...	...	1	·15	...	...
...	...	...	...	...	...	62	5·60	...	...	1	·09	...	...
...	...	...	...	...	...	31	4·22	1	·14	2	·27	1	·14
...	...	...	...	35	8·10	35	8·10	...	...	5	1·16	...	...
...	...	...	...	76	23·61	76	23·61	...	...	...	...	...	...
...	...	...	...	...	...	31	6·98	...	...	...	...	...	...
...	...	...	...	...	...	50	10·00	...	...	...	...	...	...
...	...	...	...	...	...	55	4·08	...	...	4	·29	...	...
...	...	...	...	...	...	149	2·79	11	·21	50	·93	15	·28
...	...	...	...	...	...	139	5·20	5	·19	9	·33	2	·01
...	...	...	...	...	...	139	6·96	3	·15	12	·60	2	·10
...	...	...	...	...	...	82	4·26	...	...	...	...	...	...
...	...	...	...	...	...	13	2·56	3	·59	4	·79	1	·20
...	...	...	...	...	...	55	7·47	...	...	7	·95	...	...
...	...	...	...	...	...	66	8·67	2	·26	6	·79	1	·13
...	...	...	...	...	...	93	10·32	4	·44	7	·78	...	...
...	...	...	...	...	...	26	2·57	1	·10	13	1·28	1	·10
...	...	...	...	...	...	54	12·58	1	·23	1	·23	...	...
...	...	...	...	...	...	84	4·83	2	·12	10	·58	3	·17
...	...	...	...	...	...	27	7·13	...	...	14	3·70	2	·53
...	...	...	...	...	...	80	10·05	...	...	2	·25	...	...
...	...	...	...	...	...	58	7·90	2	·27	7	·99	...	...
...	...	...	...	...	...	43	4·82	...	...	3	·34	...	...
...	...	...	...	...	...	24	3·15	2	·26	4	·53	...	...
...	...	...	...	...	...	10	3·59	...	...	2	·72	...	...
...	...	...	...	...	...	52	4·14	5	·40	5	·40	...	...

1	2	16		17		18		19		20	
No.	Districts and Towns.	Pulmonary Tuberculosis.		Whooping Cough.		Other Respiratory diseases.		Beri Beri.		Diphtheria.	
		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS—*contd.*										
	Ratnagiri District.										
152	Ratnágiri ..	43	3·33	2	·15	57	4·42	...	...	...	...
153	Vengurla .	8	·34	...	...	113	4.93	...	...	...	...
154	Málwan ..	26	·90	3	·14	59	2·64	...	...	...	...
155	Chiplun ..	37	2·10	...	...	41	2·33	...	...	...	...
156	Rajapur ...	5	·49	...	...	15	1·47	...	...	...	...
	Belgaum District.										
157	Belgaum ...	88	1·37	...	...	81	1·26	...	...	...	...
158	Gokák ...	41	2·69	...	...	19	1·24	...	...	...	...
159	Athani ..	18	1·19	2	·13	53	3·49	...	...	...	...
160	Nipáni ..	38	2·10	4	·23	51	2·83	...	...	...	...
161	Bailhongal ...	13	1·08	...	...	12	·99	...	...	...	...
162	Chikodi ...	12	1·08	3	·27	13	1·17	...	...	...	...
163	Khanapur ...	1	·17	...	...	4	·67	...	...	...	...
164	Saundatti ...	4	·40	...	...	10	1·04	...	...	...	...
165	Shahapur Yellamma.	13	·88	...	...	11	·73	...	...	...	...
166	Katkol ...	2	·33	3	·49	1	·16	...	...	...	...
167	Belgaum Cantonment.	1	·06	...	...	6	·37	...	...	...	...
	Dharwar District.										
168	Dhárwár ...	74	1·44	1	·02	56	1·09	...	...	1	·02
169	Hubli ...	122	1·20	4	·04	123	1·19	...	...	4	·04
170	Gadag-Bettigeri ...	67	1·12	3	·05	89	1·47	...	...	2	·03
171	Ranebennur ...	20	1·10	1	·05	56	3·08	...	...	...	..
172	Navalgund ...	14	1·85	...	...	7	·93	...	...	...	...
173	Annigeri ...	10	1·16	...	...	26	3·01	...	...	...	...
174	Bankapur ...	12	1·56	...	...	28	3·63	...	...	...	...
175	Byadgi ...	13	1·39	...	...	19	2·02	...	...	...	..
176	Hangal ...	3	·41	...	...	27	3·66	...	...	...	...
177	Haveri ...	10	·82	...	...	18	1·48	...	...	...	...
178	Nargund ...	19	1·99	...	...	13	1·36	...	...	...	...
179	Shiggaon ...	11	1·81	1	·16	10	1·65	...	...	...	...
180	Ron ...	3	·36	...	...	40	4·87	...	...	...	...
181	Tuminakatti ...	6	1·05	...	...	7	1·62	...	...	...	...
182	Shirahatti ...	8	1·17	...	...	18	2·62	...	...	...	...
183	Lakshmeshwar ...	18	1·63	5	·45	37	3·34	...	...	...	...
184	Kundagol ...	13	1·76	...	...	39	5·28	...	...	...	...
185	Sawasi ...	1	·23	...	...	17	3·94	...	...	...	...
186	Kamadoli ...	...	...	...	...	2	·62	...	...	...	...
187	Gudigeri ...	...	...	...	...	25	5·63	...	...	...	...
188	Sigali ...	5	1·00	1	·20	3	·60	...	...	...	...
189	Savanur ...	16	1·18	...	...	16	1·18	...	...	...	...
	Bijapur District.										
190	Bijápur ...	26	·49	...	...	55	1·03	...	...	...	...
191	Bágalkot ...	42	1·57	7	·26	77	2·88	...	...	...	...
192	Guledgud ...	38	1·90	...	...	36	1·80	...	...	...	...
193	Ilkal ..	33	1·71	...	...	52	2·70	...	...	...	...
194	Bilgi ...	12	2·36	...	...	17	3·34	...	...	...	...
195	Hungund ...	10	1·36	...	...	33	4·88	...	...	...	...
196	Kerur ...	13	1·71	...	...	38	4·99	...	...	...	...
197	Talikot ...	6	·67	...	...	29	3·22	...	...	...	...
198	Bannatti	12	1·19	...	...	51	5·04	...	...	...	...
199	Hunner	6	1·40	...	...	3	·70	...	...	...	...
200	Jamkhindi ...	31	1·78	...	...	45	2·59	...	...	...	...
201	Savalgi	3	·79	...	...	18	4·75	...	...	...	...
202	Terdal	14	1·76	...	...	9	1·13	...	...	...	...
203	Rabkvi	8	1·09	...	...	15	2·04	...	...	...	...
204	Mudhol	10	1·12	...	...	25	2·80	...	...	...	...
205	Mahalingpur ...	8	1·05	...	...	30	3·93	...	...	...	...
206	Lokapur	3	1·08	...	...	3	1·08	...	...	...	...
207	Ramdurg	17	1·36	...	...	34	2·71	...	...	...	...

No. VI (*a*)—*contd.*

21 Chicken-pox.		22 Acute Polio-myelitics.		23 Mumps.		26 Leprosy.		27 Cancer.		28 Deaths from child birth.	29 Deaths under 1 year.			30 Infant mortality rate per 1,000 births.	1 No.
Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.		Male.	Female.	Total.		
...	...	...	...	...	...	...	...	...	...	...	14	15	29	31·26	152
...	...	...	...	...	...	...	...	1	·04	4	32	20	52	101·36	153
...	...	...	...	...	...	2	·08	...	...	...	38	22	60	83·77	154
...	...	...	...	...	...	1	·06	...	...	1	14	12	26	72·62	155
...	...	...	...	...	...	...	...	...	...	...	12	8	20	71·31	156
...	...	...	...	...	...	...	...	8	·19	28	86	73	159	64·58	157
...	...	...	...	...	...	...	...	...	...	5	37	16	53	85·62	158
...	...	...	...	...	...	...	...	3	·20	10	31	22	53	118·55	159
...	...	...	...	...	...	1	·06	...	...	3	59	40	99	92·75	160
...	...	...	...	...	...	...	...	...	...	5	19	15	34	66·92	161
...	...	...	...	...	...	...	...	...	...	3	31	22	53	93·97	162
...	...	...	...	...	...	...	...	...	...	3	1	...	1	6·28	163
...	...	...	...	...	...	...	...	...	...	4	13	10	23	68·62	164
...	...	...	...	...	...	...	...	...	...	3	16	13	29	82·15	165
1	·06	...	...	...	...	1	·06	1	·06	1	9	6	15	81·08	166
...	...	...	...	...	...	...	...	3	·06	16	71	40	111	63·32	167
...	...	...	...	...	...	...	...	3	·03	43	101	93	194	54·98	168
...	...	...	...	...	...	1	·02	4	·16	42	124	120	144	188·55	169
...	...	...	...	...	...	...	...	1	·05	5	36	35	71	76·01	170
...	...	...	...	...	...	...	...	...	...	8	10	8	18	92·30	171
...	...	...	...	...	...	...	...	...	...	4	27	25	52	145·25	172
...	...	...	...	...	...	...	...	...	...	2	15	15	3[illegible]	89·02	173
...	...	...	...	...	...	1	·10	...	...	6	22	27	49	125·71	174
...	...	...	...	...	...	...	...	...	...	2	10	6	16	57·97	175
...	...	...	...	...	...	...	...	...	...	4	14	6	20	46·57	176
...	...	...	...	...	...	...	...	...	...	5	21	24	45	138·94	177
...	...	...	...	...	...	...	...	1	·16	1	15	11	26	86·09	178
...	...	...	...	...	...	1	·12	...	...	2	24	20	44	123·94	179
...	...	...	...	...	...	...	...	...	...	2	14	8	22	104·76	180
...	...	...	...	...	...	...	...	...	...	2	4	3	7	25·83	181
...	...	...	...	...	...	...	...	...	...	4	11	11	22	64·32	182
...	...	...	...	...	...	...	...	1	·14	3	12	12	24	95·23	183
...	...	...	...	...	...	1	·31	...	...	4	10	12	22	139·24	184
...	...	...	...	...	...	...	...	...	...	3	9	10	19	121·01	185
...	...	...	...	...	...	...	...	...	...	2	17	6	23	132·18	186
...	...	...	...	...	...	...	...	...	...	2	8	4	12	76·43	187
...	...	...	...	...	...	...	...	...	...	2	18	16	34	...	188
...	...	...	...	...	...	4	·07	3	·06	...	68	65	133	68·59	189
...	...	...	...	...	...	1	·05	...	...	7	52	50	102	97·60	190
...	...	...	...	...	...	2	·10	...	...	5	63	34	97	124·65	191
...	...	...	...	...	...	...	...	...	...	4	51	57	108	223·14	192
...	...	...	...	...	...	1	·20	...	...	...	11	6	17	78·34	193
...	...	...	...	...	...	...	...	...	...	1	12	18	30	107·14	194
...	...	...	...	...	...	...	...	...	...	3	12	9	21	87·86	195
...	...	...	...	...	...	...	...	...	...	...	27	19	46	121·69	196
...	...	...	...	...	...	...	...	...	...	...	30	27	57	139·70	197
...	...	...	...	...	...	...	...	...	...	...	4	5	9	75·00	198
...	...	...	...	...	...	...	...	...	...	2	26	11	37	128·47	199
...	...	...	...	...	...	...	...	...	...	...	13	9	22	164·10	200
...	...	...	...	...	...	...	...	...	...	...	9	20	29	94·77	201
...	...	...	...	...	...	...	1	·13	1	...	15	11	26	85·52	202
...	...	...	...	...	...	...	...	...	...	2	8	4	12	40·13	203
...	...	...	...	...	...	...	...	...	...	1	10	7	17	79·06	204
...	...	...	...	...	...	...	...	...	...	...	1	2	3	45·45	205
...	...	...	...	...	...	...	...	...	...	...	22	9	31	95·67	206
															207

1	2	3		4		5		6	
No.	Districts and Towns.	Enteric Fever.		Measles.		Cerebro-spinal Fever.		Malaria.	
		Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
	B—TOWNS—*contd.*								
	Kanara District.								
208	Karwar	10	·64	...	...	...	...	6	·9
209	Kumta	5	·47	...	...	...	...	6	·5
210	Gokarn	1	·09	...	...	...	...	4	·35
211	Honawar	...	...	...	...	...	...	...	...
212	Bhatkal	6	·19	2	·16	...	...	...	..
213	Halyal	2	·27	...	...	...	...	4	·55
214	Sirsi	3	·23	1	·07	...	...	4	·30
	Sholapur District.								
215	Sholapur	67	·28	266	1·17	...	...	64	·24
216	Barsi	11	·28	36	·93	...	...	8	·21
217	Pandharpur	16	·43	18	·49	...	...	17	·46
218	Karkamb	3	·42	...	...	...	...	1	·14
219	Karmala	...	...	1	12	...	...	2	·23
220	Kurduwadi	...	...	...	...	...	...	11	·9
221	Mohol	...	...	...	...	...	...	...	...
222	Sangola	2	·31	1	·15	...	...	...	...
223	Vairag	4	·76	...	...	...	...	...	..
224	Mangalvedha	1	·09	...	...	...	...	21	1·86
225	Maindargi	...	...	...	...	...	...	...	...
226	Dudhani	...	...	...	...	...	...	...	...
	Satara North District.								
227	Satara	10	·27	3	·08	...	...	14	·38
228	Wai	5	·36	2	·12	...	...	12	·74
229	Karad	2	·10	2	·10	...	...	1	·05
230	Mahableshwar	...	...	...	...	...	...	...	...
231	Maswad	1	·11	1	·11	...	...	...	...
232	Panchgani	1	·25	...	...	...	...	...	...
233	Rahimatpur	3	42	...	...	...	...	2	·28
234	Phaltan	2	·18	2	·18	...	...	13	1·20
235	Aundh	5	1·03	5	1·03	...	...	3	·62
	Satara South District.								
236	Kurundwad	4	·40	...	...	...	...	1	·10
237	Bhudgaon	1	·20	...	...	...	...	1	·20
238	Deshing	9	2·94	...	...	...	...	...	...
239	Lawache-Piran	...	...	...	...	...	...	...	...
240	Malgaon	1	·12	...	...	...	...	8	·96
241	Miraj	20	·59	7	·21	...	...	14	·41
242	Sangli	21	·55	...	...	...	...	7	·18
243	Tasgaon	...	...	1	·08	...	...	...	...
244	Islampur	1	·07	1	·07	...	...	...	...
245	Asta	2	·18	2	·18	...	...	...	...
246	Jath	...	...	...	...	...	...	...	...
247	Vita	...	...	...	...	...	...	2	·25
	Kolhapur District.								
248	Gadinglaza	2	·20	2	·20	...	...	1	·10
249	Hat Kangale	1	·27	...	...	...	...	4	1·09
250	Ichalkaranji	1	·05	...	...	...	...	7	·34
251	Kagal	2	·23	5	·56	...	...	...	...
252	Kodoli	...	...	9	1·21	...	...	...	...
253	Kolhapur	71	·69	57	·35	...	...	47	·46
254	Kapashi	7	2·35	...	...	...	...	3	1·00
255	Malkapur	1	·32	...	...	...	...	1	·32
256	Murgud	...	...	22	4·41	...	...	3	·60
257	Narsobawadi	...	...	...	...	...	...	3	1·01
258	Shirol	...	..	2	·27	...	...	3	·39
259	Vadgaon	5	·91	1	·18	...	...	1	·18
	Total of Towns ...	2,349	·33	1,786	·25	31	·00	3,718	·52
	Total of the Province ...	5,382	·16	4,762	·14	35	·00	35,389	1·05

VI (*a*)—*contd.*

enza.	8 Kala Azar.		10 Typhus.		12 Other Fevers.		13 Dysentery.		14 Diarrhœa.		15 Pneumonia.	
Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.	Deaths.	Ratio.
·06	...	...	...	...	21	1·35	2	·13	2	·13	9	·58
...	...	...	...	...	37	3·45	1	·09	11	1·03	...	...
...	...	...	...	...	12	1·05	...	...	6	·53	...	...
...	...	...	...	...	35	3·59	...	...	15	1·54	...	...
...	...	...	...	...	52	4·26	...	...	2	·16	...	...
·14	...	...	...	...	6	·82	...	...	2	·27	...	...
...	...	...	...	...	28	2·12	9	·68	8	·60	4	·29
...	...	...	...	...	375	1·65	40	·17	463	2·04	1,816	4·48
...	...	...	...	...	359	9·28	...	...	39	1·01	8	·20
...	...	...	...	...	91	2·45	35	·94	95	2·56	161	4·34
...	...	...	...	...	96	13·58	...	...	4	·56	...	...
...	...	...	...	...	65	7·94	...	...	...	...	9	1·10
...	...	...	...	...	84	7·18	...	...	7	·60	1	·08
...	...	...	...	...	43	7·11	...	...	...	...	...	...
...	...	...	...	...	32	4·95	...	...	3	·46	5	·77
...	...	...	...	...	64	12·22	...	...	...	...	...	...
...	...	...	...	...	62	5·80	...	...	4	·37	...	...
...	...	...	...	...	84	9·54	...	...	1	·11	...	..
...	...	...	...	...	26	4·97	...	...	...	...	...	...
...	...	...	...	...	119	3·25	6	·16	35	·96	27	·74
...	...	...	...	...	33	2·03	6	·37	30	1·84	7	·43
...	...	...	...	...	57	1·88	1	·05	8	·41	4	·20
...	...	...	...	...	18	3·24	...	...	2	·36	4	.72
...	...	...	...	...	56	6·30	1	·21	17	1·91	...	...
...	...	...	...	...	2	·49	...	...	2	·49	4	·99
...	...	...	...	...	37	5·17	...	...	9	1·26	6	·83
...	...	...	...	...	27	2·49	...	...	37	3·41	4	·37
...	...	...	...	...	14	2·90	...	...	3	·62	...	...
...	·7	...	...	...	8	·80	...	...	23	2·30	7	·70
...	...	...	...	...	21	4·25	...	...	6	1·21	...	...
...	...	...	...	...	1	·33	...	...	8	2·62	...	...
...	...	...	...	...	29	5·41	...	...	10	1·81	...	...
...	...	...	...	...	13	1·51	...	...	11	1·32	2	·24
...	...	...	...	...	67	1·98	3	·19	25	·74	10	·30
...	...	...	...	...	123	3·19	...	...	42	1·09	10	·26
...	...	...	...	...	51	3·97	...	...	15	1·17	6	·46
...	...	...	...	...	18	1·31	...	...	2	·15	6	·44
...	...	...	...	...	17	1·54	...	...	13	1·18	...	...
...	...	.	...	...	37	4·43	...	...	1	·12	...	...
...	...	...	...	...	33	4·02	...	...	6	·73	1	·12
...	...	...	...	...	20	2·01	4	·40	9	·09	...	...
...	...	...	...	...	1	·27	12	3·27	6	1·64	1	·27
...	...	...	...	...	109	5·32	1	1·05	5	·24	1	·05
...	...	...	...	...	33	3·13	2	·23	17	1·91	6	·65
...	...	...	...	...	38	5·11	...	...	6	·81	6	·81
·02	...	...	...	...	331	3·23	65	·63	128	1·25	74	·74
...	...	...	...	...	17	5·71	...	...	...	...	1	·34
...	...	...	...	...	12	3·93	1	·32	...	...	2	·64
...	...	...	...	...	37	7·41	1	·20	4	·80	3	·60
...	...	...	...	...	11	3·72	...	...	2	·68	...	...
...	...	...	...	...	23	2·99	1	·13	9	1·17	2	·27
...	...	...	...	...	31	5·61	...	...	9	1·63	2	·36
·00	3	·00	2	·00	34,446	4·78	2,079	·29	4,802	·67	12,865	1·78
·00	3	·00	2	·00	230,512	6·89	7,361	·22	14,383	·43	16,607	·50

No.	2 Districts and Towns.	16 Pulmonary Tuberculosis. Deaths.	Ratio.	17 Whooping Cough. Deaths.	Ratio.	18 Other Respiratory Diseases. Deaths.	Ratio.	19 Beri Beri. Deaths.	Ratio.	20 Diphth Deaths.
	B—TOWNS—*concld.*									
	Kanara District.									
208	Karwar	14	·90	...	...	11	·71	...	...	...
209	Kumta	7	·65	...	...	16	1·49	...	...	...
210	Gokarn	4	·35	...	...	5	·44	...	...	...
211	Honawar	1	·10	...	...	5	·52	...	...	...
212	Bhatkal	7	·57	1	·08	18	1·48	...	...	...
213	Halyal	7	·96	...	...	7	·96	...	...	...
214	Sirsi	9	·68	1	·08	18	1·36	...	...	...
	Sholapur District.									
215	Sholapur	450	1·81	4	·01	324	1·42	...	...	5
216	Barsi	49	1·23	1	·03	44	1·14	...	...	...
217	Pandharpur ...	70	1·83	9	·24	70	1·89	...	...	...
218	Karkamb	3	·42	...	...	19	2·65	...	...	...
219	Karmala	20	2·44	...	...	23	2·81	...	...	...
220	Kurduwadi ...	13	1·11	...	...	8	·68	...	...	...
221	Mohol	5	·83	...	...	9	1·49	...	...	...
222	Sangola	14	2·15	...	...	12	1·85	...	...	...
223	Vairag	4	·74	...	...	...	...	...	...	...
224	Mangalvedha ...	6	·56	...	...	8	·75	...	...	...
225	Maindargi... ...	18	2·04	...	...	15	1·70	...	...	...
226	Dudhani	1	·19	...	...	7	1·34	...	...	...
	Satara North District.									
227	Satara	41	1·12	2	·05	13	·35	...	...	...
228	Wai	15	·92	...	...	24	1·48	...	...	...
229	Karad	12	·61	...	...	9	·46	...	...	...
230	Mahableshwar ...	3	·54	...	...	7	1·26	...	...	...
231	Maswad	8	·90	...	...	10	1·13	...	...	...
232	Panchgani ...	7	1·74	...	...	5	1·24	...	...	...
233	Rahimatpur ...	9	1·26	...	...	20	2·80	...	...	...
234	Phaltan	24	2·21	...	...	24	2·21	...	...	...
235	Aundh	3	·62	...	...	8	1·66	...	...	...
	Satara South District.									
236	Kurundwad ...	19	1·90	...	...	15	1·53	...	...	...
237	Bhudgaon... ...	8	1·62	...	...	6	1·21	...	...	...
238	Deshing	2	·65	...	...	12	3·93	...	...	...
239	Lawache-Piran ...	1	·19	...	...	17	3·17	...	...	...
240	Malgaon	13	1·57	...	...	4	·48	...	...	...
241	Miraj	72	2·72	...	...	70	2·07	...	...	1
242	Sangli	44	1·14	1	·03	64	1·66	...	...	1
243	Tasgaon	14	1·09	1	·08	6	·47	...	...	1
244	Islampur	3	·22	...	...	19	1·38	...	...	...
245	Asta	15	1·36	...	...	9	·81	...	...	...
246	Jath	2	·24	...	...	2	·24	...	...	...
247	Vita	10	1·22	1	·12	2	·25	...	...	...
	Kolhapur District.									
248	Gadinglaza ...	7	·70	3	·30	10	1·01	...	...	...
249	Hatikangale ...	3	·81	...	...	2	·55	...	...	...
250	Ichalkaranji ...	16	·78	1	·05	42	2·04	...	...	...
251	Kagal	24	2·71	6	·68	15	1·69	...	...	...
252	Kodoli	9	1·20	...	...	6	·80	...	...	...
253	Kolhapur	265	2·58	13	·13	140	1·36	...	...	1
254	Kapashi	4	1·34	...	...	1	·34	...	...	...
255	Malkapur	8	2·55	1	·32	1	·32	...	...	...
256	Murgud	4	·80	...	...	3	·60	...	...	...
257	Narsobawadi ...	3	1·01	...	...	8	2·70	...	...	...
258	Shirol	3	·39	5	·65	20	2·60	...	...	...
259	Vadgaon	6	1·08	...	...	...	...	...	...	...
	Total of Towns ...	8,100	1·12	433	·06	12,443	1·73	3	·00	164
	Total of the Province.	24,739	·74	2,346	·07	56,016	1·68	3	·00	187

. VI (*a*)—*concld.*

21 Ratio.	22 Poliomyelities. Deaths.	22 Ratio.	23 Mumps. Deaths.	23 Ratio.	26 Leprosy. Deaths.	26 Ratio.	27 Cancer. Deaths.	27 Ratio.	28 Deaths from child birth.	29 Deaths under 1 year. Male.	Female.	Total.	30 Infant mortality rate per 1,000 births.	31 No.
...	...	...	...	...	...	...	...	...	1	18	8	26	37·95	208
...	...	...	...	...	...	...	3	·28	...	12	6	18	38·23	209
...	...	...	...	...	...	...	...	...	...	5	4	9	79·64	210
...	...	...	...	...	...	...	...	...	2	4	13	17	66·92	211
...	...	...	...	...	...	...	...	...	3	14	12	26	64·90	212
...	...	...	...	...	...	...	...	...	1	6	2	8	44·68	213
...	...	...	...	...	...	...	1	·08	4	43	25	68	127·81	214
·13	4	·01	...	...	5	·02	10	·04	7	896	736	1,612	152·08	215
...	...	...	...	...	1	·03	2	·05	9	190	166	356	198·21	216
...	...	...	...	...	9	·24	5	·13	...	242	203	445	279·69	217
...	...	...	...	...	...	...	...	...	...	13	10	23	139·39	218
...	...	...	...	...	...	...	...	...	...	25	26	51	142·45	219
...	...	...	...	...	1	·08	1	·08	2	37	23	60	155·84	22[illegible]
...	...	...	...	...	...	...	...	...	...	10	15	25	94·33	221
...	...	...	...	...	...	...	...	...	...	18	15	33	103·12	222
...	...	...	...	...	...	...	...	...	1	10	5	15	72·46	223
...	...	...	...	...	2	·19	...	...	4	20	10	30	112·35	224
...	...	...	...	...	2	·22	1	·11	1	13	12	25	117·37	225
...	...	...	...	...	1	·19	...	...	...	9	5	14	125·00	226
...	...	...	...	...	1	·03	3	·08	7	88	69	157	119·84	227
...	...	...	...	...	3	·18	6	·37	2	26	19	45	60·48	228
...	...	...	...	...	...	...	4	·20	4	7	14	21	32·86	229
...	...	...	...	...	...	...	...	...	...	6	3	9	58·44	230
...	...	...	...	...	...	...	...	...	3	9	10	19	67·37	231
...	...	...	...	...	...	...	...	...	...	5	3	8	80·90	232
...	...	...	...	...	1	·14	2	·28	...	10	10	20	72·46	233
...	...	...	...	...	...	...	1	·09	1	29	23	52	112·79	234
...	...	...	...	...	...	...	...	...	2	3	...	3	15·00	235
...	...	...	...	...	...	...	...	...	1	13	13	26	80·74	236
...	...	...	...	...	...	...	...	...	1	7	3	10	70·42	237
...	...	...	...	...	...	...	...	...	...	12	11	23	143·95	2[illegible]8
...	...	...	...	...	3	·56	2	·37	...	9	6	15	90·36	239
...	...	...	...	...	1	·12	...	...	...	8	3	11	49·10	240
...	...	...	...	...	...	...	23	·67	...	22	16	38	67·13	241
...	...	...	...	...	...	...	7	·18	...	49	46	95	76·09	242
...	...	...	...	...	...	...	1	·08	...	17	22	39	77·53	243
...	...	...	...	...	...	...	...	...	...	9	2	11	55·39	244
...	...	...	...	...	6	·54	...	...	...	2	5	7	28·57	245
...	...	...	...	...	1	·12	...	...	2	18	9	27	140·63	246
...	...	...	...	...	1	·12	...	...	...	12	9	21	67·52	247
...	...	...	...	...	...	...	...	...	1	14	9	23	139·28	248
...	...	...	...	...	...	...	...	...	...	12	7	19	127·51	249
...	...	...	...	...	...	...	1	·05	1	17	17	34	58·82	250
...	...	...	...	...	...	...	1	·11	1	12	22	34	104·29	251
...	...	...	...	...	1	·13	...	...	...	19	14	33	127·90	252
·02	...	...	...	...	3	·03	17	·17	32	186	191	377	96·34	253
...	...	...	...	...	...	...	...	...	1	9	3	12	118·81	254
...	...	...	...	...	...	...	...	...	...	7	7	14	100·71	255
...	...	...	...	...	2	·40	...	...	1	15	10	25	131·57	256
...	...	...	...	...	1	·34	...	...	...	3	5	8	125·00	257
...	...	...	...	...	...	...	...	...	...	9	2	11	38·24	258
...	...	...	...	...	2	·36	1	·18	1	16	19	35	223·23	259
·03	88	·01	...	...	234	·03	800	·11	1,096	19,969	17,892	37,861	154·98	
·01	88	·00	6	·00	854	·03	1,243	·04	4,479	76,829	67,339	144,168	140·57	

ANNUAL FORM No. VII—DEATHS *registered fr*
during each mo

1	2	3		4		5				
No.	Districts.	Circles of Registration.		Villages.						
		Number in each District.	Number from which deaths from Cholera were reported.	Number in each District.	Number from which deaths from Cholera were reported.	January.	February.	March.	April.	May.
1	Bombay City ...	1	...	1	...	...	...	...	...	...
	Northern Registration District.									
2	East Khandesh ...	36	12	1,491	25	...	2	14	1	...
3	West Khandesh ...	17	13	1,495	79	...	...	...	1	...
4	Surat ...	33	7	2,010	12	...	...	...	1	...
5	Broach	17	...	1,318	...	...	...	...	...	...
6	Kaira	27	1	994	1	...	...	...	...	3
7	Panch Mahals ...	19	2	1,991	2	...	...	...	...	...
8	Ahmedabād ...	21	1	788	1	...	...	1	...	...
9	Banaskantha ...	11	...	1,222	...	...	...	...	..	...
10	Sabarkantha ...	11	...	1,781	...	...	...	...	...	...
	Central Registration District.									
11	Ahmednagar ...	20	6	1,343	104	2	6	8	24	77
12	Poona	29	10	1,575	22	...	1	3	...	3
13	Nasik	23	18	1,753	119	16	65	...	7	66
14	Thana	20	10	1,752	14	2	5	1	...	3
15	Bombay Suburban ...	6	1	39	..	...	...	...	...	...
16	Kolaba	25	3	1,963	22	...	2	1	1	1
17	Ratnagiri	20	2	1,554	283	...	...	...	...	...
	Southern Registration District.									
18	Belgaum	23	11	1,354	30	...	...	4	5	3
19	Dharwar	38	8	1,627	8	...	...	1	...	...
20	Bijapur	30	4	1,365	7	...	...	...	1	...
21	Kanara	18	2	1,417	2	...	...	...	...	...
22	Sholapur	23	13	908	75	11	...	...	...	...
23	Satara North ...	20	13	1,184	70	7	...	1	...	2
24	Satara South ...	18	10	535	36	...	...	...	2	...
25	Kolhapur ...	23	11	956	25	1	...	4	9	4
	Baroda Registration District.									
26	Baroda	12	...	1,712	...	...	...	...	...	...
27	Mehsana ...	13	2	1,303	2	...	...	...	...	...
28	Amreli	7	...	355	...	..	...	...	...	...
	Total for the Province ...	561	160	35,786	939	39	81	38	52	162

CHOLERA *in the* DISTRICTS *of the* BOMBAY PROVINCE *of the year 1949.*

						6			7			8	9
						Total.			Ratio of Deaths per 1,000 of population.				
July.	August.	September.	October.	November.	December.	Male.	Female	Total.	Male.	Female.	Total.	Mean ratio per 1,000 of previous five years.	No.
...	...	...	...	...	...	...	...	...	...	...	...	·00	1
25	22	4	...	...	2	38	33	71	·05	·05	·05	1·09	2
176	173	22	6	2	...	196	210	406	·37	·41	·39	·88	3
3	22	9	7	20	8	43	27	70	·04	·02	·03	·15	4
...	...	...	...	...	...	...	...	...	...	...	...	·00	5
...	...	...	...	...	...	1	2	3	·00	·00	·00	·13	6
1	1	...	...	...	...	2	...	2	·00	...	·00	·18	7
...	...	...	...	...	...	1	...	1	·00	...	·00	·02	8
...	...	...	...	...	...	...	...	...	...	...	...	...	9
...	...	...	...	...	...	...	...	...	...	...	...	...	10
16	6	19	2	5	...	112	92	204	·17	·15	·16	·43	11
6	12	9	1	...	...	19	19	38	·02	·02	·02	·44	12
150	59	24	1	...	...	24	286	526	·38	·48	·43	·89	13
58	16	...	...	...	...	52	56	108	·08	·11	·09	·20	14
...	1	...	...	...	...	1	...	1	·003	...	·003	·16	15
4	13	2	32	9	8	42	31	73	·10	·07	·09	·39	16
2	...	...	...	...	2	3	1	4	·003	·001	·002	·30	17
4	...	...	4	40	10	39	33	72	·05	·04	·05	·61	18
3	2	...	1	...	2	10	2	12	·01	·00	·01	·33	19
2	2	1	...	7	2	10	6	16	·01	·01	·01	1·31	20
1	...	...	1	...	...	2	...	2	·01	...	·004	·11	21
5	2	2	76	123	39	140	119	259	·20	·17	·19	4·18	22
2	34	137	33	12	2	112	120	232	·20	·22	·21	1·71	23
3	2	12	26	52	38	76	59	135	·15	·12	·4	...	24
15	...	...	34	22	2	51	44	95	·09	·08	·09	...	25
...	...	...	...	...	...	...	...	...	...	...	...	...	26
...	...	3	...	...	...	1	2	3	·00	·00	·00	...	27
...	...	...	...	...	...	...	...	...	...	...	...	...	28
476	367	244	224	292	115	1,191	1,142	2,333	0·6	·07	·07	·36	

ANNUAL FORM No. VIII—DEATHS *registered from during each month*

1	2	3		4		5					
		Circles of Registration.		Villages.							
No.	Districts.	Number in each District.	Number from which deaths from Small-pox were reported.	Number in each District.	Number from which deaths from Small-pox were reported.	January.	February.	March.	April.	May.	June.
1	Bombay City ...	1	1	1	1	16	68	182	155	64	30
	Northern Registration District.										
2	East Khandesh ...	36	14	1,491	25	12	22	22	29	35	12
3	West Khandesh ...	17	9	1,495	18	1	...	28	32	10	9
4	Surat	33	17	2,010	42	10	39	44	58	21	...
5	Broach	17	11	1,318	47	33	23	72	73	32	5
6	Kaira	27	18	994	27	50	31	75	16	46	8
7	Panch Mahals ...	19	9	1,991	24	14	16	36	31	8	13
8	Ahmedabad ...	21	16	788	68	360	338	278	92	43	7
9	Banaskantha ...	11	2	1,222	11	23	8	12	3	1	...
10	Sabarkantha ...	11	2	1.781	2	...	...	...	...	...	...
	Central Registration District.										
11	Ahmednagar ...	20	18	1,343	150	5	27	54	21	30	29
12	Poona	29	19	1,575	140	5	21	39	43	56	35
13	Nasik	23	10	1,753	70	24	31	78	48	21	17
14	Thana	20	20	1,752	101	22	30	41	55	63	32
15	Bombay Suburban ...	6	12	39	12	...	1	13	13	19	23
16	Kolaba	25	29	1,963	39	1	2	3	19	40	20
17	Ratnagiri	20	28	1,554	22	...	9	22	55	83	67
	Southern Registration District.										
18	Belgaum	23	9	1,354	18	3	5	13	4	3	2
19	Dharwar	38	17	1,627	46	4	6	17	13	10	15
20	Bijapur	30	17	1,365	61	17	36	30	13	10	11
21	Kanara	18	1	1,417	2	...	...	...	...	...	...
22	Sholapur	23	18	908	81	14	19	53	46	28	18
23	Satara North ...	20	14	1,184	99	3	18	38	50	34	18
24	Satara South ...	18	10	535	38	8	15	21	11	11	6
25	Kolhapur	23	8	956	10	...	1	2	4	3	5
	Baroda Registration District.										
26	Baroda	12	...	1,712	...	9	78	157	132	49	23
27	Mehsana	13	...	1,303	...	48	78	44	31	9	6
28	Amreli	7	...	355	...	40	66	78	42	17	4
	Total for the Province ...	561	329	35,786	1,154	728	988	1,452	1,089	746	412

SMALL-POX *in the* DISTRICTS *of the* BOMBAY PROVINCE *of the year 1949.*

						6			7		8			9	10
						Total.			Number of these Deaths among Children.		Total ratio of Deaths per 1,000 of population.			Mean ratio per 1,000 of previous five years.	No.
July	August.	September.	October.	November.	December.	Male.	Female.	Total.	Under 1 year.	Under 10 years.	Male.	Female.	Total.		
18	4	2	2	7	11	361	198	559	82	114	·32	·30	·31	·32	1
20	6	11	3	4	1	77	106	183	84	45	·12	·13	·12	·60	2
2	8	3	...	...	46	64	66	130	15	43	·12	·13	·12	·24	3
7	1	1	...	...	1	106	81	187	51	89	·10	·08	·09	·31	4
4	...	2	...	1	11	124	135	259	26	66	·32	·37	·34	·11	5
22	1	...	...	...	...	117	137	254	37	41	·11	·14	·13	·08	6
2	3	1	...	...	...	46	71	117	28	32	·08	·13	·10	·04	7
4	...	...	...	...	...	540	582	1,122	355	497	·57	·14	·65	·15	8
3	2	...	...	...	...	27	25	52	...	...	·06	·07	·07	...	9
...	...	...	...	6	1	5	2	7	...	...	·02	·01	·01	...	10
43	26	20	11	31	106	189	214	403	65	69	·29	·34	·32	·41	11
50	20	25	43	30	70	224	213	437	43	131	·27	·27	·27	·24	12
43	15	4	...	...	7	146	142	288	45	39	·23	·25	·24	·46	13
20	28	54	...	...	1	187	157	346	47	63	·32	·28	·30	·24	14
7	8	7	...	10	...	53	48	101	1	2	·37	·44	·40	·12	15
10	3	7	4	9	13	73	58	131	17	27	·18	·13	·15	·17	16
23	7	7	2	7	8	127	163	290	81	124	·16	·18	·18	·16	17
...	...	...	...	...	...	16	14	30	2	7	·02	·02	·02	·12	18
14	6	...	3	9	23	49	71	120	27	27	·07	·10	·08	·06	19
8	3	5	2	8	2	66	79	145	11	7	·10	·12	·11	·02	20
...	...	...	...	1	15	4	12	16	1	9	·02	·02	·03	·36	21
35	8	4	3	1	7	103	133	236	64	106	·15	·21	·17	·25	22
21	19	14	5	9	18	112	135	247	64	48	·20	·24	·22	·21	23
14	7	2	3	4	8	43	67	110	13	8	·09	·14	·11	...	24
2	1	2	...	1	4	12	13	25	2	3	·02	·02	·02	...	25
10	2	...	2	...	1	242	221	463	4	2	·3	·4	·4	...	26
21	...	3	1	4	5	127	123	250	1	...	·1	·1	·1	...	27
10	1	...	...	...	2	132	128	260	56	64	·7	·8	·8	...	28
413	179	174	84	124	361	3,372	3,396	6,768	1,222	1,663	·19	·21	·20	·23	

ANNUAL FORM No. IX—DEATHS *registered from during each month*

1	2	3		4		5					
		Circles of Registration.		Villages.							
No.	Districts.	Number in each District.	Number from which deaths from fevers were reported.	Number in each District.	Number from which deaths from fevers were reported.	January.	February.	March.	April.	May.	June.
1	City of Bombay ...	1	1	1	1	167	184	195	226	249	174
	Northern Registration District.										
2	East Khandesh ...	36	36	1,491	1,156	1,368	1,255	1,717	1,808	1,738	1,108
3	West Khandesh ...	17	17	1,495	1,310	1,045	1,013	1,119	988	751	658
4	Surat	33	33	2,010	945	1,289	1,200	1,360	1,178	1,347	1,159
5	Broach	17	14	1,318	766	505	458	727	829	661	742
6	Kaira	27	27	994	721	961	1,028	1,366	1,362	1,527	1,363
7	Panch Mahals ...	19	19	1,991	993	871	943	1,235	1,200	929	929
8	Ahmedabad ...	21	21	788	629	2,142	2,167	2,164	1,910	1,795	1,444
9	Banas Kantha ...	11	8	1,222	108	74	89	182	300	270	111
10	Sabar Kantha ...	11	6	1,781	87	...	...	...	24	45	44
	Central Registration District.										
11	Ahmednagar ...	20	17	1,343	1,031	458	317	446	521	561	473
12	Poona	29	19	1,575	1,088	745	697	756	763	727	822
13	Nasik	23	16	1,753	1,510	1,011	876	909	1,188	776	738
14	Thana	20	11	1,752	949	711	676	736	633	512	456
15	Bombay Suburban ...	6	6	39	52	96	105	110	86	124	93
16	Kolaba	25	10	1,963	802	776	893	938	746	583	538
17	Ratnagiri	20	14	1,554	1,203	1,106	914	897	823	647	690
	Southern Registration District.										
18	Belgaum	23	23	1,354	1,200	569	501	599	648	656	617
19	Dharwar	38	38	1,627	1,332	905	791	1,031	1,034	921	868
20	Bijapur	30	30	1,365	1,031	944	855	917	858	979	848
21	Kanara	18	18	1,417	614	218	166	155	116	130	103
22	Sholapur	23	23	908	589	758	626	696	756	764	677
23	Satara North ...	20	20	1,184	1,124	604	524	588	678	673	722
24	Satara South ...	18	18	535	526	395	356	329	389	320	378
25	Kolhapur ...	23	23	956	803	499	494	602	616	728	725
	Baroda Registration District.										
26	Baroda ...	12	12	1,712	1,656	1,142	1,087	1,669	1,494	1,418	1,257
27	Mehsana ...	13	13	1,303	1,236	1,788	1,891	2,187	1,822	1,638	1,592
28	Amreli ...	7	7	355	295	342	332	440	445	379	392
	Total for the Province ...	561	500	25,786	23,748	21,489	20,438	24,070	23,471	21,848	19,721

FEVERS *in the* DISTRICTS *of the* BOMBAY PROVINCE *of the year 1949.*

						6			7			8	9
						Total.			Ratio of Deaths per 1,000 of population.				
July.	August.	September.	October.	November.	December.	Male.	Female.	Total.	Male.	Female.	Total.	Mean ratio per 1,000 of previous five years.	No.
223	217	166	152	112	100	1,380	785	2,165	1·24	1·19	1·22	1·37	1
1,054	1,560	1,625	1,444	1,797	1,411	8,914	8,971	17,885	11·79	12·23	12·02	14·77	2
733	1,020	919	788	1,248	925	5,505	5,722	11,227	10·76	11·29	10·99	13·28	3
1,000	1,122	1,324	1,355	1,932	1,718	8,087	7,897	15,984	8·07	8·07	8·07	9·02	4
665	912	1,212	1,063	1,465	1,150	5,104	5,285	10,389	13·18	14·66	13·89	16·58	5
1,215	1,565	1,721	1,528	1,512	1,256	8,326	8,079	16,405	8·02	8·65	8·30	10·82	6
648	1,088	1,123	1,133	1,009	612	5,790	5,930	11,720	10·44	11·03	10·73	12·58	7
1,376	2,119	2,531	1,946	1,948	1,761	11,449	11,884	23,333	15·22	12·11	13·51	12·26	8
180	208	274	207	291	321	1,345	1,162	2,507	3·47	3·49	3·48	...	9
57	65	137	51	120	118	340	321	661	1·53	1·74	1·62	...	10
519	657	551	528	770	632	3,284	3,149	6,433	5·09	5·03	5·07	5·44	11
915	859	918	881	1,039	978	5,175	4,925	10,100	6·14	6·18	6·17	7·50	12
948	827	772	523	1,027	838	5,309	5,124	10,433	8·40	8·56	8·48	12·52	13
545	706	761	589	617	657	3,949	2,650	7,599	6·68	6·22	6·64	5·66	14
89	774	69	42	113	53	526	528	1,054	3·70	4·86	4·22	2·71	15
735	743	773	539	721	938	4,578	4,345	8,923	11·15	9·81	10·46	9·23	16
747	765	810	602	699	773	4,664	4,809	9,473	6·01	5·21	5·55	6·25	17
730	720	734	710	970	761	4,143	4,072	8,215	5·05	5·25	5·15	7·00	18
799	828	758	764	828	870	5,129	5,268	10,397	6·92	7·50	7·21	9·57	19
970	1,114	1,012	1,080	1,596	1,361	6,190	6,344	12,534	9·18	9·77	9·48	10·44	20
179	186	189	175	210	191	966	1,052	2,018	4·10	4·62	4·38	6·73	21
845	886	981	1,028	1,816	1,322	5,718	5,437	11,155	8·30	8·40	8·35	8·32	22
724	734	805	875	761	700	4,176	4,212	8,388	7·62	7·55	7·59	8·05	23
401	443	505	600	842	592	2,763	2,887	5,650	5·50	6·02	5·76	...	24
749	735	851	950	1,069	856	43,84	4,490	8,874	7·98	8·44	8·21	...	25
938	1,226	1,395	1,273	1,613	1,314	8,120	7,706	15,826	13·2	14·2	13·6	15·5	26
1,366	1,550	2,315	2,000	1,978	1,756	11,538	10,345	21,883	14·0	12.9	13·4	15·3	27
318	345	491	492	506	424	2,596	2,310	4,906	15·6	14·6	15·1	17·6	28
19,689	23,274	25,722	2,331	28,609	24,488	1,39,448	1,36,689	2,76,137	8·05	8·48	8·26	8·76	

ANNUAL FORM No. X—DEATHS *registered from* DYSENTERY *during each month*

1	2	3		4		5					
		Circles of Registration.		Villages.							
No.	Districts.	Number in each District.	Number from which deaths from Dysentery and Diarrhœa were reported.	Number in each District.	Number from which deaths from Dysentery and Diarrhœa were reported.	January.	February.	March.	April.	May.	June.
1	City of Bombay ...	1	1	1	1	107	74	109	156	166	172
	Northern Registration District.										
2	East Khandesh ...	36	32	1,491	160	43	34	57	53	53	56
3	West Khandesh ...	17	12	1,495	86	68	20	40	29	22	13
4	Surat	33	30	2,010	132	72	54	50	51	61	64
5	Broach	17	8	1,318	49	3	...	2	4	9	8
6	Kaira	27	24	994	137	36	25	26	31	41	33
7	Panch Mahals ...	19	12	1,991	35	5	7	3	10	6	6
8	Ahmedabad ...	21	21	788	63	33	16	33	14	29	23
9	Banas Kantha ...	11	1	1,222	...	...	...	...	...	...	...
10	Sabar Kantha ...	11	2	1.781	...	...	...	...	2	...	...
	Central Registration District.										
11	Ahmednagar ...	20	18	1,343	375	82	53	51	63	87	112
12	Poona	29	19	1,575	516	127	104	76	91	114	172
13	Nasik	23	18	1,753	45	69	46	121	51	37	61
14	Thana	20	12	1,752	101	48	42	44	52	34	33
15	Bombay Suburban ...	6	7	39	31	13	10	20	19	29	15
16	Kolaba	25	14	1,963	61	40	28	33	39	45	44
17	Ratnagiri	20	15	1,554	301	3	32	38	33	16	19
	Southern Registration District.										
18	Belgaum	23	23	1,354	644	154	92	76	127	178	229
19	Dharwar	38	38	1,627	192	47	35	43	60	62	52
20	Bijapur	30	29	1,365	451	85	71	47	50	47	71
21	Kanara	18	18	1,417	190	42	27	31	28	12	37
22	Sholapur	23	19	908	234	116	83	70	83	42	88
23	Satara North ...	20	20	1,184	367	52	39	53	41	81	98
24	Satara South ...	18	18	535	309	65	33	38	28	40	72
25	Kolhapur ...	23	22	956	314	136	90	64	110	110	149
	Baroda Registration District.										
26	Baroda ...	12	12	1,712	1,156	10	2	13	6	8	5
27	Mehsana ...	13	13	1,303	636	7	11	12	6	5	6
28	Amreli ...	7	7	355	195	2	1	11	11	2	15
	Total for the Province ...	561	465	35,786	6,779	1,465	1,029	1,161	1,248	1,336	1,653

and DIARRHŒA *in the* DISTRICTS *of the* BOMBAY PROVINCE *of the year 1949.*

						6			7			8	1
						Total.			Ratio of Deaths per 1,000 of Population.				
July.	August.	September.	October.	November.	December.	Male.	Female.	Total.	Male.	Female.	Total.	Mean ratio per 1,000 of previous five years.	No.
203	185	105	107	114	86	879	705	1,584	·79	1·07	·89	·96	1
95	136	116	76	73	48	417	423	840	·55	·56	·56	·88	2
10	8	8	22	31	24	147	148	295	·28	·29	·28	·82	3
50	57	35	30	38	55	312	305	617	·31	·31	·31	·58	4
19	32	41	25	11	1	78	77	155	·20	·21	·20	·53	5
49	158	158	101	67	9	362	372	734	·34	·39	·37	3·92	6
19	28	20	6	3	...	63	50	113	·11	·09	·10	·29	7
37	208	165	88	62	43	390	361	751	·41	·46	·43	·37	8
...	...	...	...	...	1	1	...	1	·00	·00	·00	...	9
...	...	...	...	1	1	3	1	4	·00	·00	·00	...	10
146	154	142	151	181	126	705	643	1,348	1·09	1·03	1·06	1·12	11
207	212	209	151	149	140	880	872	1,752	1·04	1·09	1·07	1·50	12
136	101	101	34	66	46	455	414	869	·72	·68	·70	1·00	13
65	66	58	29	23	22	276	243	516	·46	·44	·45	·53	14
32	38	41	19	64	16	148	168	316	1·04	1·54	1·26	1·28	15
121	169	88	40	39	31	366	351	717	·89	·79	·84	·75	16
64	98	29	35	36	58	223	238	461	·28	·26	·27	·60	17
321	286	256	247	247	172	1,142	1,243	2,385	1·39	1·60	1·50	1·71	18
79	69	61	64	71	65	376	332	708	·51	·47	·49	·57	19
155	164	158	189	190	141	674	694	1,368	1·01	1·06	1·03	1·55	20
59	50	49	35	43	44	215	242	457	·92	1·06	·99	1·39	21
96	138	145	153	170	110	679	620	1,299	·99	·96	·97	1·42	22
105	131	116	95	85	72	521	447	968	·96	·80	·88	1·12	23
102	132	149	181	161	115	522	594	1,116	1·04	1·24	1·14	...	24
208	177	176	179	191	141	833	898	1,731	1·52	1·69	1·60	...	25
5	22	41	17	19	15	92	71	163	·1	·1	·1	·1	26
10	52	84	58	29	16	147	147	294	·1	·1	·1	·1	27
12	33	47	23	19	6	97	85	182	·5	·5	·5	·4	28
2,405	2,904	2,598	2,168	2,181	1,604	11,000	10,774	21,744	·63	·66	·65	·95	

ANNUAL FORM No. XI—DEATHS *registered from* RESPIRATORY *during each month*

1	2	3		4		5					
		Circles of Registration.		Villages.							
No.	Districts.	Number in each District.	Number from which deaths from Respiratory diseases were reported.	Number in each District.	Number from which deaths from Respiratory Diseases were reported.	January.	February.	March.	April.	May.	June.
1	Bombay City ...	1	1	1	1	985	969	1,244	1,188	1,252	1,118
	Northern Registration District.										
2	East Khandesh ...	36	36	1,491	915	519	535	640	451	380	390
3	West Khandesh ...	17	17	1,495	784	449	391	400	361	205	213
4	Surat	33	33	2,010	505	364	336	384	314	331	269
5	Broach	17	11	1,318	242	87	83	90	78	87	83
6	Kaira	27	26	994	643	542	556	771	508	261	265
7	Panch Mahals ...	19	14	1,391	394	124	125	139	120	89	84
8	Ahmedabad ...	21	21	788	347	393	457	425	380	368	319
9	Bansaskantha ...	11	8	1,222	17	5	2	11	5	6	9
10	Sabarkantha ...	11	4	1,781	...	...	...	...	...	...	...
	Central Registration District.										
11	Ahmednagar ...	20	16	1,343	801	497	335	421	360	434	1,123
12	Poona	29	14	1,575	855	590	554	467	519	497	513
13	Nasik	23	16	1,753	801	1,121	851	464	253	122	150
14	Thana	20	10	1,752	497	330	334	306	298	280	205
15	Bombay Suburban ...	6	2	39	35	80	86	113	118	97	127
16	Kolaba	25	9	1,963	41	307	268	273	270	252	227
17	Ratnagiri	20	8	1,554	718	511	771	736	563	484	547
	Southern Registration District.										
18	Belgaum	23	23	1,254	992	422	340	383	293	333	328
19	Dharwar	38	38	1,627	832	356	324	372	308	322	261
20	Bijapur	30	30	1,365	993	440	400	414	341	268	295
21	Kanara	18	18	1,417	321	63	72	66	41	58	59
22	Sholapur	23	23	908	391	325	313	349	299	273	222
23	Satara North ...	20	20	1,184	517	242	162	165	171	176	188
24	Satara South ...	18	18	535	381	195	173	148	139	149	138
25	Kolhapur	23	23	956	635	279	287	260	237	256	275
	Baroda Registration District.										
26	Baroda	12	12	1,712	1 375	64	53	54	27	66	54
27	Mehsana	13	13	1,203	976	4	22	29	15	14	12
28	Amreli	7	7	355	276	13	6	15	13	5	4
	Total for the Province ...	561	417	35,786	15,255	9,297	8,825	9,139	7,670	7,065	7,378

DISEASES *in the* DISTRICTS *of the* BOMBAY PROVINCE *of the year 1949.*

						6			7			8	1
						Total.			Ratio of Deaths per 1,000 of Population.				
July	August.	September.	October.	November.	December.	Male.	Female.	Total.	Male.	Female.	Total.	Mean ratio per 1,000 of previous five years.	No.
1,205	1,122	994	1,013	958	926	7,250	5,724	12,974	6·56	8·69	7·35	8·60	1
340	371	598	414	564	552	3,109	2,345	5,454	4·12	3·21	3·67	4·22	2
239	283	233	256	379	310	2,145	1,574	3,719	4·09	3·10	3·63	4·48	3
240	198	291	272	262	223	1,995	1,489	3,484	1·94	1·52	1·75	4·93	4
86	100	93	81	120	170	645	513	1,158	1·67	1·42	1·56	4·39	5
334	435	449	417	417	311	3,027	2,239	5,266	2·92	2·39	2·67	3·47	6
73	123	90	82	93	95	746	491	1,237	1·34	·91	1·13	2·50	7
293	412	369	338	403	375	2,607	1,925	4,532	2·75	2·46	2·62	4·78	8
6	11	8	3	19	11	58	38	·96	·11	·11	·13	...	9
...	4	...	...	15	6	17	8	25	·07	·04	·06	...	10
1,479	673	492	502	640	644	3,982	3,618	7,600	6·17	5·79	5·98	4·23	11
455	582	624	632	687	574	3,498	3,196	6,694	4·14	4·00	4·07	4·86	12
185	256	312	157	273	378	2,433	2,089	4,522	3·85	3·50	3·68	6·55	13
233	349	287	209	288	305	1,940	1,474	3,414	3·28	2·66	2·99	3·66	14
120	151	87	45	99	25	594	554	1,148	4·17	5·10	4·58	4·20	15
266	303	272	173	267	200	1,660	1,438	3,098	4·04	3·24	3·69	3·67	16
1,078	525	363	465	469	643	3,863	3,292	7,155	4·98	3·56	4·21	4·23	17
361	356	428	390	511	450	2,712	1,883	4,595	3·30	2·43	2·88	3·20	18
271	342	343	353	445	450	2,370	1,777	4,147	3·10	2·53	2·88	3·31	19
303	356	331	399	637	586	2,939	1,831	4,770	4·37	2·82	3·61	3·97	20
73	88	76	71	92	83	484	358	842	2·08	1·57	1·83	2·62	21
302	324	359	395	540	508	2,161	2,048	4,209	3·14	3·16	3·15	4·16	22
179	171	229	234	266	225	1,366	1,042	2,408	2·49	1·87	2·18	2·50	23
151	171	206	225	268	233	1,272	924	2,196	2·53	1·93	2·24	...	24
299	318	308	362	435	370	2,076	1,610	3,686	3·60	3·03	3·41	...	25
55	63	59	80	69	56	387	313	700	·6	·5	·6	...	26
27	46	77	52	66	60	271	153	424	·3	·1	·2	...	27
16	16	18	18	22	9	99	56	155	·5	·3	·4	...	28
8,669	8,149	7,796	7,638	9,304	8,778	56,706	44,002	99,708	3·21	2·72	2·98	4·59	

ANNUAL FORM No. XII—DEATHS *registered from during each month*

1	2	3		4		5					
No.	Districts.	Circles of Registration.		Villages.							
		Number in each District.	Number from which deaths from Plague were reported.	Number in each District.	Number from which deaths from Plague were reported.	January.	February.	March.	April.	May.	June.
1	City of Bombay ...	1	1	1	1	...	...	...	2	...	...
	Northern Registration District.										
2	East Khandesh ...	36	6	1,491	18	36	19	13	...	...	...
3	West Khandesh ...	17	12	1,495	49	121	76	26	...	...	...
4	Surat	33	...	2,010	...	...	...	...	...	...	...
5	Broach	17	...	1,318	...	...	...	...	...	...	...
6	Kaira	27	...	994	...	...	...	...	...	...	...
7	Panch Mahals ...	19	...	1,991	...	...	...	...	...	...	...
8	Ahmedabad ...	21	...	788	...	...	...	...	...	...	...
9	Banaskantha ...	11	...	1,222	...	...	...	...	...	...	...
10	Sabarkantha ...	11	...	1,781	...	...	...	...	...	...	...
	Central Registration District.										
11	Ahmednagar ...	20	9	1,343	18	5	41	13	...	...	...
12	Poona	29	16	1,575	61	17	10	14	8	...	6
13	Nasik	23	16	1,753	12	11	8	6	2	1	...
14	Thana	20	...	1,752	...	...	...	...	...	...	...
15	Bombay Suburban ...	6	1	39	1	...	...	...	...	...	...
16	Kolaba	25	2	1,963	4	...	...	...	...	...	...
17	Ratnagiri	20	...	1,554	...	...	...	...	...	...	...
	Southern Registration District.										
18	Belgaum ...	23	3	1,354	4	2	5	...	...	...	...
19	Dharwar	38	3	1,627	5	...	2	...	...	...	8
20	Bijapur	30	2	1,365	3	1	9	13	...	...	...
21	Kanara	18	...	1,417	...	...	...	...	...	...	...
22	Sholapur	23	5	908	16	4	4	1	...	...	...
23	Satara North ...	20	8	1,184	68	12	9	9	5	3	4
24	Satara South ...	18	...	535	...	...	...	...	...	...	...
25	Kolhapur ...	23	2	956	2	...	3	...	...	...	...
	Baroda Registration District.										
26	Baroda ...	12	...	1,712	...	...	...	...	...	...	...
27	Mehsana ...	13	...	1,333	...	...	...	...	...	...	...
28	Amreli ...	7	...	355	...	...	...	...	...	...	...
	Total for the Province ...	561	86	35,786	262	209	186	95	17	4	18

PLAGUE *in the* DISTRICTS *of the* BOMBAY PROVINCE *of the year 1949.*

						6			7			8	1
						Total.			Ratio of Deaths per 1,000 of Population.			Mean ratio per 1,000 of previous five years.	No.
July.	August.	September.	October.	November.	December.	Male.	Female.	Total.	Male.	Female.	Total.		
...	...	...	...	...	...	2	...	2	·00	...	·00	·00	1
...	4	4	...	...	...	30	46	76	·04	·06	·05	·04	2
...	19	2	1	1	...	105	141	246	·20	·27	·24	·16	3
...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	..	...	...	...	...	9
...	...	...	...	...	...	...	...	...	...	...	...	...	10
4	6	5	7	23	12	46	70	116	·07	·11	·09	·22	11
10	54	63	44	20	15	123	138	261	·15	·17	·16	·50	12
5	9	1	3	13	4	29	34	63	·4	·6	·05	·17	13
...	...	...	...	...	...	...	...	...	...	...	...	...	14
...	1	...	...	...	...	1	...	1	·003	...	·003	...	15
10	...	...	...	...	...	4	6	10	·01	·01	·01	·19	16
...	...	...	...	...	...	...	...	...	...	...	...	·33	17
...	...	...	...	...	...	2	5	7	·00	·01	·004	·36	18
2	...	...	3	...	...	9	6	15	·01	·01	·01	·03	19
...	...	...	...	...	...	10	13	23	·01	·02	·02	·60	20
...	...	...	...	...	...	...	...	...	...	...	...	·02	21
2	1	...	7	7	26	24	28	52	·03	·04	·04	·71	22
5	44	52	81	30	10	104	160	264	·19	·29	·24	1·08	23
...	...	...	...	...	...	...	...	...	...	...	...	...	24
...	...	...	...	...	...	3	...	3	·01	...	·002	...	25
...	...	...	...	...	...	...	...	...	...	...	...	...	26
...	...	...	...	...	...	...	...	...	...	...	...	...	27
...	...	...	...	...	...	...	...	...	...	...	...	...	28
38	138	127	146	94	61	492	647	1,139	·02	·04	·03	·20	

APPENDIX

STATEMENT

Showing particulars of Vaccination in the

No.	Districts or Towns.	Mid-year estimated Population of the Districts for the year 1949.	Average number of Vaccinators employed throughout the year.
1	2	3	4
	A—DISTRICTS (EXCLUDING TOWNS).		
	Central Registration District.		
1	Ahmednagar	1,139,224	.....
2	Poona	1,159,639	.....
3	Nasik	1,016,630	.....
4	Thana	1,012,014	.....
5	Bombay Suburban	21,576	.....
6	Kolaba	786,304	.....
7	Ratnagiri	1,613,242	.....
	Southern Registration District.		
8	Satara North	991,281	.....
9	Satara South	823,213	.....
10	Sholapur	933,273	.....
11	Bijapur	1,091,788	.....
12	Belgaum	1,407,010	.....
13	Dharwar —	1,072,818	.....
14	Kanara	380,425	.....
15	Kolhapur	900,754	.....
	Northern Registration District.		
16	Surat	1,645,636	.....
17	Broach	608,254	.....
18	Kaira	1,510,654	.....
19	Panch Mahals	478,450	.....
20	Ahmedabad	871,549	.....
21	East Khandesh	1,075,550	.....
22	West Khandesh	877,836	.....
23	Banaskantha	686,520	.....
24	Sabarkantha	387,820	.....
25	Dangs	40,498	.....
26	Baroda R. C.	968,662	.....
27	Mehsana R. C.	1,579,112	.....
28	Amreli R. C.	323,656	.....
	Total, Districts (excluding towns) ...	25,986,369	.....

VI.

No. I.

Bombay Province during the year 1949.

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.					
				Total.	Successful.				Unknown.
Male.	Female.	Total.			Under one year.	One and under five years.	Five and under 10 years.	Total of all ages.	
5	6	7	8	9	10	11	12	13	14
P. 15,900	17,074	32,974	...	32,974	17,023	9,147	627	26,797	3,941
R. 46,421	23,532	69,953							
P. 13,099	11,928	25,027	...	25,027	15,045	5,814	920	21,779	44
R. 23,453	12,007	35,460							
P. 16,902	15,740	32,642	...	32,642	20,798	6,819	632	28,249	678
R. 26,518	10,086	36,604							
P. 15,731	15,046	30,777	...	30,777	16,415	10,478	503	27,405	3,282
R. 22,006	11,886	33,892							
P. 279	292	571	...	571	271	204	20	495	76
R. 1,208	874	2,082							
P. 11,716	11,164	22,880	...	22,880	13,103	7,381	596	21,080	1,217
R. 23,168	13,687	36,855							
P. 25,548	23,037	48,585	...	48,585	19,614	9,301	2,790	31,705	16,453
R. 46,208	29,786	75,994							
P. 20,899	18,813	39,712	...	39,712	18,706	4,679	776	24,275	15,354
R. 73,708	34,604	108,312							
P. 4,159	3,771	7,930	...	7,930	4,789	1,222	31	6,043	1,848
R. 5,267	1,393	6,660							
P. 18,535	17,147	35,682	...	35,682	17,836	8,079	498	26,453	9,203
R. 38,151	18,862	57,013							
P. 24,153	22,824	46,977	...	46,977	32,793	10,190	550	43,661	3,298
R. 97,062	61,677	158,739							
P. 23,875	22,902	46,777	...	46,777	34,266	6,265	333	40,889	5,860
R. 36,553	15,102	51,655							
P. 19,992	19,524	39,516	...	39,516	27,190	6,324	554	34,099	5,362
R. 78,342	40,839	119,181							
P. 6,339	5,457	11,796	...	11,796	1,650	5,062	2,640	9,652	2,094
R. 6,968	2,354	9,282							
P. 17,427	16,841	34,268	...	34,268	22,841	2,983	119	25,951	8,138
R. 12,263	8,333	20,596							
P. 20,559	19,628	40,187	...	40,137	15,689	6,798	574	23,080	16,963
R. 21,488	14,816	36,304							
P 4,464	4,111	8,575	...	8,575	3,984	1,707	221	5,941	2,498
R. 25,466	20,599	46,065							
P. 18,486	16,432	34,918	...	34,918	18,984	3,923	147	23,075	11,382
R. 16,942	8,402	25,344							
P. 13,895	13,115	27,010	...	27,010	15,091	6,527	435	22,058	4,715
R. 9,157	5,247	14,404							
P. 15,226	13,514	28,740	...	28,740	14,975	4,203	278	19,463	8,755
R. 30,817	18,146	48,963							
P. 19,129	18,308	37,437	..	37,437	29,504	5,480	318	35,304	2,108
R. 19,246	8,237	27,483							
P. 13,634	12,930	26,564	—	26,564	19,212	4,731	249	24,209	2,180
R. 11,230	4,505	15,735							
P. 7,056	6,735	13,791	...	13,791	7,487	3,087	225	10,814	2,868
R. 14,794	14,815	29,609							
P. 4,879	4,495	9,374	...	9,374	4,730	2,052	40	6,845	2,425
R. 250	65	315							
P. 975	883	1,858	...	1,858	871	924	31	1,828	28
R. 974	772	1,746							
P. 15,608	14,042	29,650	...	29,650	...	...	...	29,294	...
R. 18,207	10,407	28,614							
P. 20,180	16,855	37,035	...	37,935	...	...	...	33,257	...
R. 27,847	14,863	42,710							
P. 5,040	4,498	9,538	..	9,538	...	...	...	5,160	...
R. 9,350	6,131	15,481							
P. 393,731	367,158	760,889	...	760,889	482,954	133,400	14,107	608,959	150,616
R. 743,056	412,045	1,155,101							

STATEMENT

No.	Districts or Towns.	Re-vaccination.		
		Total.	Successful.	Unknown.
1	2	15	16	17
	A—DISTRICTS (EXCLUDING TOWNS).			
	Central Registration District.			
1	Ahmednagar	69,953	27,221	33,375
2	Poona	35,460	4,453	20,846
3	Nasik	36,604	8,185	18,344
4	Thana	33,892	7,706	17,273
5	Bombay Suburban	2,082	453	1,332
6	Kolaba	36,855	11,742	14,665
7	Ratnagiri	75,904	17,629	49,802
	Southern Registration District.			
8	Satara North	108,312	12,545	77,744
9	Satara South	6,660	1,161	4,023
10	Sholapur	57,013	8,830	40,147
11	Bijapur	158,739	30,752	84,818
12	Belgaum	51,655	5,476	26,615
13	Dharwar	119,181	30,375	55,956
14	Kanara	9 282	1,451	4,068
15	Kolhapur	20,596	6,746	13,735
	Northern Registration District.			
16	Surat	36,304	6,198	25,119
17	Broach	46,065	7,124	22,881
18	Kaira	25,344	6,677	12,374
19	Panch Mahals	14,404	4,359	4,629
20	Ahmedabad	48,963	4,433	29,460
21	East Khandesh	29,483	7,299	10,594
22	West Khandesh	15,735	2,362	8,758
23	Banaskantha	29,609	7,841	15,662
24	Sabarkantha	315	65	209
25	Dangs	1,746	927	226
24	Baroda R. C.	28,614	5,923	.....
27	MehsanaR, C.	42,710	10,933	.....
28	Amreli R. C.	15,481	5,697	.....
	Total, Districts (excluding towns) ...	1,155,101	244,611	585,736

No. I—*contd.*

Percentage of successful cases in which the results were known.		Number of all successful vaccinations performed by the Vaccination Department.
Primary.	Re-vaccination.	
18	19	20
92·30	74·42	54,018
83·18	30·47	26,232
88·38	44·82	36,434
99·67	46·37	35,111
100·00	60·40	948
97·26	96·32	32,822
98·67	67·31	49,334
99·66	41·04	36,820
99·36	44·03	7,204
99·90	52·38	35,283
99·96	41·60	74,413
99·93	21·87	46,365
99·84	48·04	64,474
99·28	27·83	11,103
99·31	98·32	32,697
99·38	55·73	29,278
97·75	30·72	13,065
98·04	51·48	29,752
98·93	41·59	26,417
97·38	24·02	23,896
99·92	43·21	42,603
99·28	33·84	26,571
97·50	56·34	18,655
98·56	85·15	6,910
99·89	63·93	2,755
98·80	20·72	35,217
89·81	25·60	44,190
54·11	36·80	10,857
99·78	42·96	853,570

STATEMENT

No.	Districts or Towns.	Mid-year estimated Population of the Districts for the year 19 .	Average number of vaccinators employed throughout the year.
1	2	3	4
	B—TOWNS.		
	AHMEDNAGAR DISTRICT—		
1	Ahmednagar City	64,444	.....
2	Sangamner ,, ...	12,574	.....
3	Belapur Ainatpur and Shrirampur ,, ...	10,980	.....
4	Kopergaon ,, ...	10,103	.....
5	Pathardi ,, ...	7,758	.....
6	Shrigonda ,, ...	8,785	.....
7	Ahmednagar Cantonment	16,716	.....
	POONA DISTRICT—		
8	Junnar	11,235	.....
9	Baramati	18,192	.....
10	Lonavla	11,026	.....
11	Poona City	2,84,360	.....
12	Poona Sub-Municipality	22,757	.....
13	Alandi	2,412	.....
14	Indapur	6,811	.....
15	Jejuri	2,995	.....
16	Saswad	5,571	.....
17	Sirur	6,739	.....
18	Talegaon Dabhade	6,986	.....
19	Poona Cantonment	44,306	.....
20	Kirkee Cantonment	34,619	.....
21	Dhond	15,787	.....
22	Bhor	7,068	.....
	NASIK DISTRICT—		
23	Nasik	61,207	.....
24	Yeola	18,700	.....
25	Malegaon	46,141	.....
26	Igatpuri	6,974	.....
27	Trimbak	4,212	.....

No. I—*contd.*

Total number of persons vaccinated.				Primary Vaccination.					
					Successful.				
Male.	Female.	Total.		Total.	Under one year.	One and under six years.	Five and under 10 years.	Total of all ages.	Unknown.
5	6	7	8	9	10	11	12	13	14
P. 1,458	1,432	2,890	...	2,890	2,194	360	13	2,567	321
R. 2,721	2,078	4,849	...						
P. 331	285	116	...	616	499	89	9	597	18
R. 3	10	13	...						
P. 327	285	612	...	612	338	204	29	571	40
R. 418	258	676	...						
P. 206	148	354	...	354	251	75	18	344	10
R. 702	172	874	...						
P. 105	82	187	...	187	109	68	3	180	7
R. 578	274	852	...						
P 118	105	223	...	223	106	97	4	207	15
R. 443	57	500	...						
P. 229	160	389	...	389	297	52	40	389	...
R. 41	7	48	...						
P. 296	254	550	...	550	301	204	16	521	29
R. 869	485	1,354	...						
P. 257	253	510	...	510	375	116	...	491	19
R. 77	45	122	...						
P. 160	139	299	...	299	183	72	1	256	42
R. 35	25	60	...						
P. 6,748	6,680	13,428	...	13,428	7,029	1,071	43	8,143	5,264
R. 9,046	6,276	15,322	...						
P. 473	4,485	958	...	958	273	73	4	350	607
R. 1,035	597	1,632	...						
P. 27	26	53	...	53	36	8	...	44	9
R. ...	...	...	...						
P. 63	66	129	...	129	104	25	...	129	...
R. ...	...	...	...						
P. 65	35	100	...	100	78	22	...	100	...
R. 471	70	541	..						
P. 188	180	368	...	368	227	85	11	323	42
R. 461	349	810	...						
P. 76	98	174	...	174	154	19	...	173	1
R. 36	4	40	...						
P. 85	96	181	...	181	126	44	4	174	7
R. 29	22	51	...						
P. 633	700	1,333	...	1,333	1,007	238	41	1,286	46
R. 6,639	2,179	8,818	...						
P. 487	404	891	...	891	437	381	37	891	...
R. 632	827	1,459	...						
P. 555	329	884	...	884	478	282	84	844	38
R. 1,057	578	1,575	...						
P. 38	28	66	...	66	37	16	2	55	11
R. 77	77	154	...						
P. 1,153	1,170	2,323	...	2,323	1,739	259	...	1,998	325
R. 200	125	325	...						
P. 472	447	919	...	919	705	81	2	788	31
R. 811	216	1,027	...						
P. 870	749	1,619	..	1,619	850	78	...	928	691
R. 197	62	259	...						
P. 164	146	310	...	310	137	103	19	259	51
R. 231	98	329	...						
P. 93	101	194	...	194	147	30	...	177	16
R. 40	4	44	...						

STATEMENT

No.	Districts or Towns.	Re-vaccination.		
		Total.	Successful.	Unknown.
1	2	15	16	17
	B—TOWNS.			
	AHMEDNAGAR DISTRICT—			
1	Ahmednagar Town	4,849	3,049	763
2	Sanganner Town	13	5	6
3	Belapur Ainatpur and Shirpur	676	286	173
4	Kopergaon	874	112	161
5	Pathardi	852	25	83
	Shrigonda	500	232	265
	Ahmednagar Cantonment	48	48	.....
	POONA DISTRICT—			
8	Junnar	1,354	.....	1 354
9	Baramati	122	.....	122
10	Lonavla	60	20	24
11	Poona City	15,322	189	15,009
12	Poona Sub-Municipality	1,632	40	1,500
13	Alandi	.....	.....	.....
14	Indapur	.....	.....	.....
15	Jejuri	541	157	166
16	Saswad	810	13	792
17	Sirur	40	.....	40
18	Talegaon Dabhade	151	1	49
19	Poona Cantonment	8,818	19	8,699
20	Kirkee Cantonment	1,459	1,459	.....
21	Dhond	1,575	1,186	351
22	Bhor	154	38	70
	NASIK DISTRICT—			
23	Nasik	325	.....	325
24	Yeola	1,027	402	426
25	Malegaon	259	.....	259
26	Igatpuri	329	91	165
7	Trimbak	44	10	26

No. I—*contd.*

Percentage of successful cases in which the results were known.		Number of all successful vaccinations performed by the Vaccination Department.
Primary.	Re-vaccination.	
18	19	20
99·92	74·62	56,16
99·84	71·43	602
99·83	56·86	857
100·00	15·71	456
100·00	86·21	205
99.53	98·72	439
100·00	100·00	437
100·00	.....	521
100·00	.....	491
99·61	55·55	276
99·74	60·39	8,332
99·72	30·30	390
100·00	.....	44
100·00	.....	129
100·00	41·87	257
99·09	72·22	336
100·00	.....	173
100.00	50	175
99·12	15·96	13,05
100·00	100.00	2,350
99·76	96·89	2,030
100·00	45·24	93
100·00	.....	1,998
100·00	66·88	1,190
100·00	.....	928
100·00	55·49	350
99·66	55·55	187

STATEMENT

No.	Districts or Towns.	Mid-year estimated Population of the towns for the year 1948.	Average number of Vaccinators employed throughout the year.
	2	3	4
	B—TOWNS—*contd.*		
	NASIK DISTRICT—*contd.*		
28	Bhagur	6,606	.....
29	Sinnar	13,713	.....
30	Manmad	20,655	.....
31	Nandgaon ... ,, ..	11,452	.....
32	Deolali Cantonment	23,359	.....
	THANA DISTRICT—		
33	Thana	36,377	.....
34	Kalyan	35,570	.....
35	Bhiwandi	21,408	.....
36	Bassein	14,677	.....
37	Palghar	44,55	.....
38	Malad	15,944	.....
39	Jawahar	36,79	.....
	BOMBAY SUBURBAN DISTRICT—		
40	Bandra	95,531	.....
41	Kurla	46,358	.....
42	Ville-Parle-Andheri	56,059	.....
43	Ghatkopar (Kirol)	26,509	.....
44	Juhu	4,667	.....
	KOLABA DISTRICT—		
45	Panvel	13,069	.....
46	Alibag	6,417	.....
47	Mahad	8,175	.....
48	Uran	2,493	.....
49	Matheran	2,816	.....
50	Pen	7,867	.....
51	Roha	6,124	.....
52	Murud	8,882	.....
53	Shriwardhan	8,063	.....
54	Mhasale	2,830	.....
	RATNAGIRI DISTRICT—		
55	Ratnagiri	12,915	.....
56	Chiplun	17,587	.....
57	Malwan	22,236	.....
58	Vengurla	22,913	.....
59	Rajapur	10,213	.....
60	Sawantwadi	10,024	.....

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.					
					Successful.				
Male.	Female.	Total.		Total.	Under one year.	One and under five years.	Five years and under ten years.	Total of all ages.	Unknown.
5	6	7	8	9	10	11	12	13	14
P. 80	68	148	...	148	81	31	...	112	36
R. 359	130	489	...						
P. 256	112	368	...	368	144	106	34	284	84
R. 32	16	48	...						
P. 261	239	500	...	500	358	82	...	440	60
R. 507	291	798	...						
P. 167	138	305	...	305	232	22	...	254	51
R. 302	126	428	...						
P. 1,871	1,171	3,042	...	3,042	934	1,488	446	2,868	...
R. 4,193	3,771	7,964	...						
P. 705	660	1,365	...	1,365	927	266	1	1,194	170
R. 1,524	860	2,384	...						
P. 825	789	1,614	...	1,614	1,085	368	12	1,465	142
R. 943	637	1,580	...						
P. 328	274	602	...	602	445	108	3	556	46
R. 53	32	85	...						
P. 348	339	687	...	687	357	247	9	613	72
R. 1,593	932	2,525	...						
P. 161	113	274	...	274	153	102	3	258	10
R. 167	120	287	...						
P. 264	241	505	...	505	334	134	2	470	35
R. 192	117	309	...						
P. 69	58	127	...	127	81	28	...	109	17
R. 56	13	69	...						
P. 1,509	1,447	2,956	...	2,956	1,567	720	37	2,324	607
R. 5,430	4,715	1,0145	...						
P. 911	848	1,759	...	1,759	927	426	1	1,354	405
R. 1,146	631	1,777	...						
P. 952	905	1,857	...	1,857	1,211	510	18	1,739	118
R. 1,606	1,048	2,654	...						
P. 396	310	706	...	706	482	207	13	702	4
R. 356	129	485	...						
P. 57	51	108	...	108	44	35	...	79	29
R. 625	150	775	...						
P. 200	208	408	...	408	302	91	4	397	11
R. 176	141	317	...						
P. 305	269	574	...	574	386	174	...	560	14
R. 111	93	204	...						
P. 152	148	300	...	300	175	108	4	288	12
R. 175	103	278	...						
P. 140	132	272	...	272	166	79	5	250	21
R. 307	292	599	...						
P. 28	24	52	...	52	23	19	...	42	10
R. 7	...	7	...						
P. 129	110	239	...	239	154	68	8	230	9
R. 655	470	1,125	...						
P. 81	90	171	...	171	86	63	7	156	14
R. 105	56	161	...						
P. 196	192	388	...	388	179	171	18	368	14
R. 1,720	1,544	3,264	...						
P. 339	333	672	...	672	271	361	15	647	25
R. 1,583	1,497	3,080	...						
P. 72	122	201	...	201	62	74	59	195	6
R. 2	5	7	...						
P. 474	459	933	...	933	168	127	7	302	620
R. 1,860	1,284	3,144	...						
P. 284	265	549	...	549	153	70	2	230	310
R. 2,435	1,659	4,094	...						
P. 366	359	725	...	725	243	250	78	571	142
R. 1,227	1,285	2,512	...						
P. 152	161	313	...	313	171	117	13	301	5
R. 393	270	663	...						
P. 242	214	456	...	456	49	102	33	184	262
R. 542	337	879	...						
P. 199	193	392	...	392	232	146	14	392	...
R. 306	179	485	...						

STATEMENT

No.	Districts or Towns.	Re-vaccination.		
		Total.	Successful.	Unknown.
1	2	15	16	17
	B—TOWNS—*contd.*			
	NASIK DISTRICT—*contd.*			
28	Bhagur	489	108	280
29	Sinnar	48	...	32
30	Manmad	798	122	269
31	Nandgaon	428	163	122
32	Devlali Cantonment	7,964	7,964	...
	THANA DISTRICT—			
33	Thana	2,384	550	1,317
34	Kalyan	1,580	383	1,061
35	Bhiwandi	85	1	83
36	Bassein	2,525	379	1,491
37	Palghar	287	94	62
38	Malad	309	28	213
39	Jawahar	69	18	48
	BOMBAY SUBURBAN DISTRICT—			
40	Bandra	10,145	258	9,822
41	Kurla	1,777	518	1,230
42	Ville-Parle-Andher	2,654	569	1,772
43	Ghatkopar (Kirol)	485	210	230
44	Juhu	775	172	429
	KOLABA DISTRICT—			
45	Panvel	317	127	117
46	Alibag	204	3	200
47	Mahad	278	110	107
48	Uran	599	206	201
49	Matheran	7	...	5
50	Pen	1,125	54	1,071
51	Roha	161	66	27
52	Murud	3264	499	2,075
53	Shriwardhan	3,080	497	1,234
54	Mhasale	7	...	...
	RATNAGIRI DISTRICT—			
55	Ratnagiri	3,144	10	3,129
56	Chiplun	4.094	59	4,028
57	Malwan	2,512	377	1,920
58	Vengurla	663	206	294
59	Rajapur	879	6	845
60	Sawantwadi	485	212	86

No. I—*contd.*

Percentage of successful cases in which the results were known.		Number of all successful Vaccinations performed by the Vaccination Department.
Primary.	Re-vaccination.	
18	19	20
100·00	51·67	220
100·00	...	284
100·00	23·07	562
100·00	53·27	417
94·28	100 00	10,837
99·92	50·42	1,744
99·53	73·80	18,48
100·00	50·00	557
96·42	36·66	992
98·36	41·77	352
100·00	29·17	498
99·09	85·71	127
98·93	79·85	2,582
100·00	94·70	1,872
100·00	64·55	2,308
100·00	82·31	912
100·00	49·71	251
100·00	63·50	524
100·00	75·00	563
100·00	64·33	398
99·60	51·76	456
100·00	...	42
100·00	100·00	284
99·36	49·18	222
98·40	41·97	867
100·00	26·92	1,144
100·00	...	195
95·78	66·66	312
99·95	89·39	289
97·94	63·68	948
97·73	52 83	507
94·85	17·65	190
100·00	53·19	604

STATEMENT

No.	Districts or Towns.	Mid year estimated Population of the Towns for the year 1948.	Average number of Vaccinators employed throughout the year.
1	2	3	4
	B—TOWNS—*contd.*		
	SATARA NORTH DISTRICT—		
61	Satara	36,656	.....
62	Wai	16,276	.....
63	Karad	19,663	.....
64	Mahableshwar	5,565	.....
65	Mhaswad	8,888	.....
66	Panchgani	4,033	.....
67	Rahimatpur	7,151	.....
68	Phaltan	10,845	.....
	SATARA SOUTH DISTRICT—		
69	Sangli	38,564	.....
70	Budhgaon	4,947	.....
71	Kawate-piran	5,360	.....
72	Malgaon	8,304	.....
73	Kurundwad	10,001	.....
74	Vita	8,199	.....
75	Tasgaon	12,845	.....
76	Ashta	11,062	.....
77	Islampur	13,700	.....
78	Jath	8,372	.....
	SHOLAPUR DISTRICT—		
79	Sholapur	226,679	.....
80	Barsi	38,699	.....
81	Pandharpur	37,079	.....
82	Karmala	8,186	.....
83	Kurduwadi	11,696	.....
84	Mohol	6,045	.....
85	Sangola	6,471	.....
86	Vairag	5,238	.....
87	Akalkot	15,368	.....

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.					
				Total.	Successful.				Unknown.
					Under one year.	One and under six years.	Five years and under ten years.	Total of all ages.	
Male.	Female.	Total.							
5	6	7	8	9	10	11	12	13	14
P. 747	621	1,368	...	1,368	1,133	207	7	1,349	19
R. 316	154	470							
P. 268	265	533	...	533	400	25	...	425	108
R. 3,198	2,418	5,616							
P. 400	411	811	...	811	417	83	15	524	284
R. 916	389	1,305							
P. 82	69	151	...	151	68	18	2	88	63
R. 291	104	395							
P. 139	131	270	...	270	150	48	10	211	59
R. 229	120	349							
P. 44	43	87	...	87	40	8	1	50	37
R. 724	378	1,102							
P. 173	139	312	...	312	155	21	3	179	127
R. 392	70	462							
P. 236	199	435	...	435	273	84	8	365	70
R. 519	331	850							
P. 391	362	753	...	753	612	125	4	741	11
R. 541	157	698							
P. 29	32	61	...	61	47	9	...	56	...
R. 8	...	8							
P. 29	32	61	...	61	44	14	1	59	...
R. 31	13	44							
P. 26	24	50	...	50	31	17	...	48	2
R. 19	3	22							
P. 37	28	65	...	65	53	11	...	64	...
R. ...	...	...							
P. 222	170	392	...	392	67	65	6	138	254
R. 477	293	770							
P. 172	146	318	...	318	181	4	...	185	133
R. 167	139	306							
P. 281	200	481	...	481	198	10	1	209	272
R. 274	354	628							
P. 182	197	379	...	379	235	35	...	270	109
R. 306	209	515							
P. 102	111	213	...	213	111	92	10	213	...
R. 84	4	88							
P. 5,397	5,058	10,455	...	10,455	6,912	1,418	71	8,407	2,030
R. 2,992	1,844	4,836							
P. 992	789	1,781	...	1,781	1,323	224	7	1,557	224
R. 717	34	751							
P. 927	823	1,750	...	1,750	1 279	217	22	1,522	206
R. 1,457	704	2,161							
P. 169	164	333	...	333	198	54	2	254	79
R. 472	71	543							
P. 169	175	344	...	344	214	52	2	270	74
R. 28	205	233							
P. 59	36	95	...	95	38	25	9	72	20
R. 402	106	508							
P. 154	132	286	...	286	170	34	...	204	82
R. 176	117	293							
P. 57	80	137	...	137	78	31	3	112	25
R. 284	210	494							
P. 120	104	224	...	224	114	50	6	170	54
R. ...	2	2							

STATEMENT

No.	Districts or Towns.	Re-vaccination.		
		Total.	Successful.	Unknown.
1	2	15	16	17
	B—TOWNS—*contd.*			
	SATARA NORTH DISTRICT—			
61	Satara	470	249	13
62	Wai	5,616	3	5,145
63	Karad	1,305	.....	1,302
64	Mahableshwar	395	40	271
65	Mhaswad	349	.....	170
66	Panchgani	1,102	197	489
67	Rahimatpur	462	374	81
68	Phaltan	850	617	233
	SATARA SOUTH DISTRICT—			
69	Sangli	698	205	143
70	Budhgaon	8	4	3
71	Kawate-piran	44	20	20
72	Malgaon	22	10	12
73	Kurundwad	.....	.....	.....
74	Vita	770	3	727
75	Tasgaon	306	.....	213
76	Ashta	628	94	356
77	Islampur	515	.....	356
78	Jath	88	.....	26
	SHOLAPUR DISTRICT—			
79	Sholapur	4,836	506	1,695
80	Barsi	751	646	105
81	Pandharpur	2,161	286	212
82	Karmala	543	28	510
83	Kurduwadi	233	.....	233
84	Mohol	508	63	85
85	Sangola	293	15	152
86	Vairag	494	131	363
87	Akalkot	2	2	.....

No. I—*contd.*

Percentage of successful cases in which the results were known.		Number of all successful vaccinations performed by the Vaccination Department.
Primary.	Re-vaccination.	
18	19	20
Per cent.	Per cent.	Rs.
100·00	10·72	1,398
100·00	00·64	428
99·43	.....	524
100·00	32·26	128
100·00	.....	211
100·00	32·14	247
96·76	98·16	553
100·00	100·00	982
99·87	36·94	946
91·80	80·00	60
96·72	83·33	79
100·00	100·00	58
.....	.....	64
100·00	6·98	141
100·00	.....	185
100·00	34·56	303
100·00	.....	270
100·00	.....	213
99·79	16·10	8,913
100·00	100·00	2,203
98·57	14·67	1,808
100·00	84·85	282
100·00	.....	270
96·00	14·89	135
100·00	10·64	219
100·00	100·00	243
100·00	100·00	172

STATEMENT

No.	Circles and Districts or Towns	Mid-year estimated Population of the Towns for the year 1948.	Average number of Vaccinators employed throughout the year.
1	2	3	4
	B—TOWNS—*contd.*		
	BIJAPUR DISTRICT—		
88	Bijapur	53,426	.....
89	Bagalkot	26,754	.....
90	Guledgud	19,947	.....
91	Ilkal	19,268	.....
92	Bilgi	5,082	.....
93	Hungund	7,365	.....
94	Kerur	7,611	.....
95	Talikot	9,009	.....
96	Terdal	7,962	.....
97	Jamkhandi	17,390	.....
98	Rabkavi	7,347	.....
99	Savalgi	3,786	.....
100	Mahalingpur	7,623	.....
101	Banhalli	10,123	.....
102	Mudhol	8,921	.....
103	Hunnur	4,292	.....
104	Lokapur	2,785	.....
105	Ramdurg	12,546	.....
	BELGAUM DISTRICT—		
106	Belgaum	64,222	.....
107	Gokak	15,218	.....
108	Athani	15,175	.....
109	Nipani	18,045	.....
110	Bail-Hongal	12,020	.....
111	Chikodi	11,077	.....
112	Khanapur	5,967	.....
113	Saundatti	9,613	.....
114	Belgaum Cantonment	15,890	.....
115	Shahapur	14,878	.....
116	Katkol	6,132	.....

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.					
				Total.	Successful.				Unknown.
Male.	Female.	Total.			Under one year.	One and under six years.	Five years and under ten years.	Total of all ages.	
5	6	7	8	9	10	11	12	13	14
P. 1,098	1,124	2,222	...	2,222	1,665	334	11	2,012	209
R. 2,649	2,152	4,801							
P. 546	527	1,073	...	1,073	791	268	11	1,072	...
R. 1,383	362	1,745							
P. 374	311	685	...	685	584	96	1	681	4
R. 141	18	159							
P. 467	482	949	...	949	619	215	...	834	115
R. 520	258	778							
P. 99	110	209	...	209	185	17	3	205	3
R. 630	241	871							
P. 207	140	347	...	347	281	26	...	307	39
R. 1,283	579	1,862							
P. 129	108	237	...	237	179	49	...	228	9
R. 494	76	570							
P. 238	225	463	...	463	326	98	...	424	39
R. 2,748	1,679	4,427							
P. 198	209	407	...	407	278	106	9	395	12
R. 1,575	1,116	2,691							
P. 111	103	214	...	214	194	13	3	211	3
R. 315	110	425							
P. 239	272	511	...	511	354	134	18	511	...
R. 3,675	2,699	6,374							
P. 87	65	152	...	152	126	23	2	152	...
R. ...	...	...							
P. 321	276	597	...	597	331	221	41	596	1
R. 3,752	2,313	6,065							
P. 394	410	804	...	804	426	266	89	780	24
R. 5,748	4,191	9,939							
P. 303	257	560	...	560	415	125	19	559	1
R. 4,320	3,032	7,352							
P. 122	152	274	...	274	189	80	3	273	...
R. 1,757	1,393	3,150							
P. 75	48	123	...	123	78	41	4	123	...
R. 2,574	1,529	4,103							
P. 251	252	503	...	503	364	124	11	499	4
R. 6,063	4,725	10,788							
P. 1,278	1,184	2,462		2,462	1,393	113	1	1,502	888
R. 601	490	1,091	...						
P. 209	224	433		433	341	49	4	394	39
R. 791	363	1,154	...						
P. 304	299	603		603	422	36	3	460	143
R. 774	276	1,050	...						
P. 429	403	832		832	724	32	3	760	71
R. 438	239	677	...						
P. 285	237	522		522	475	28	2	505	17
R. 212	76	288	...						
P. 42	59	101		101	70	17	...	87	14
R. 2	3	5	...						
P. 129	123	252		252	222	10	...	232	20
R. 420	148	568	...						
P. 134	140	274		274	201	27	1	229	45
R. 511	208	719	...						
P. 47	52	99	...	99	75	27	...	99	...
R. 504	556	1,060							
P. 72	44	116	...	116	102	3	...	105	11
R. 2	1	3							
P. 87	97	184	...	184	129	16	...	145	39
R. ...	...	...							

STATEMENT

No.	Circles and Districts or Towns.	Re-vaccination.		
		Total.	Successful.	Unknown.
1	2	15	16	17
	B—TOWNS—*contd.*			
	BIJAPUR DISTRICT—			
88	Bijapur	4,801	680	2,298
89	Bagalkot	1,745	3	.....
90	Guledgud	159	67	50
91	Ilkal	778	92	417
92	Bilgi	871	19	778
93	Hungund	1,862	454	969
94	Kerur	570	136	238
95	Talikot	4,427	551	2,943
96	Terdal	2,691	181	2,375
97	Jamkhandi	425	135	205
98	Rabkavi	6,374	264	5,995
99	Savalgi	.....	.....	.....
100	Mahalingpur	6,065	1,026	1,880
101	Banhalli	9,939	1,242	7,749
102	Mudhol	7,352	462	1,618
103	Hunnur	3,150	297	2,694
104	Lokapur	4,103	651	1,404
105	Ramdurg.	10,788	5,548	1,991
	BELGAUM DISTRICT—			
106	Belgaum	1,091	17	831
107	Gokak	1,154	164	580
108	Athani	1,050	20	400
109	Nipani	677	78	355
110	Bail-Hongal	288	19	142
111	Chikodi	5	.....	2
112	Khanapur	568	24	86
113	Saundatti	719	4	596
114	Belgaum Cantonment	1,060	.....	1,060
115	Shahapur	3	2	.....
116	Katkol	.....	.....	.....

No. I—*contd.*

Percentage of successful cases in which the results were known.		Number of all successful vaccinations performed by the vaccination staff only.
Primary.	Re-vaccination.	
18	19	20
99·95	27·17	2,692
99·91	00·17	1,075
100·00	61·47	748
100·00	25·48	926
99·51	20·43	224
99·68	50·84	761
100·00	40·96	364
100·00	37·13	975
100·00	56.96	576
100·00	61·69	346
100·00	69·66	775
100·00	.....	152
100·00	24·52	1,622
100·00	56·71	2,022
100·00	8·06	1,021
99·64	65·13	570
100·00	24·12	774
100·00	63·07	6,047
95·43	6·54	1,519
100·00	28·57	558
100·00	3·77	480
99·87	24·22	838
100·00	13·01	524
100.00	.....	87
100·00	4·98	256
100·00	3·25	233
100·00	.....	99
100·00	66·67	107
100·00	.....	145

STATEMENT

No.	Circles and Districts or Towns.	Mid year estimated Population of the Towns for the year 1948.	Average number of Vaccinators employed throughout the year.
1	2	3	4
	B—TOWNS—*contd.*		
	DHARWAR DISTRICT—		
117	Dharwar	51,267	.....
118	Hubli	102,029	.....
119	Gadag	60,125	.....
120	Ranebennur	18,153	.....
121	Navalgund	7,576	.....
122	Annigeri	8,650	.....
123	Bankapur	7,700	.....
124	Byadgi	9,383	.....
125	Hangal	7,370	.....
126	Haveri	12,182	.....
127	Nargund	9,563	.....
128	Ron	8,211	.....
129	Shiggaon	6,072	.....
130	Tuminkatti	5,547	.....
131	Kundgol	7,377	.....
132	Gudgeri	4,441	.....
133	Shirhatti	6,857	.....
134	Laxmeshwar	11,078	.....
	KARWAR DISTRICT—		
135	Karwar	15,557	.....
136	Kumta	10,727	.....
137	Gokarn	11,394	.....
138	Honnawar	9,757	.....
139	Bhatkal	12,203	.....
140	Haliyal	7,291	.....
141	Sirsi	13,236	.....

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.					
				Total.	Successful.				Unknown.
					Under one year.	One and under six years.	Five years and under ten years.	Total of all ages.	
Male.	Female.	Total.							
5	6	7	8	9	10	11	12	13	14
P. 847	871	1,718	...	1,718	1,294	214	15	1,523	193
R. 1,391	1,213	1,604							
P. 1,999	1,982	3,981	...	3,981	3,028	465	30	3,526	454
R. 2,895	1,484	4,379							
P. 859	797	1,656	...	1,656	1,016	239	59	1,325	331
R. 3 236	2,528	5,764							
P. 502	467	969	...	969	700	175	27	904	65
R. 1,837	945	2,782							
P. 94	81	175	...	175	104	5	2	111	64
R. 756	189	945							
P. 159	168	327	...	327	226	15	...	241	86
R. 509	79	588							
P. 243	228	471	...	471	358	68	3	429	42
R. 296	130	426							
P. 231	226	457	...	457	303	52	1	356	99
R. 422	251	673							
P. 152	159	311	...	311	216	43	1	260	50
R. 98	46	144							
P. 197	197	394	...	394	233	60	2	295	99
R. 299	342	641							
P. 193	184	377	...	377	314	32	...	346	26
R. 612	315	927							
P. 200	194	394	...	394	290	60	4	354	40
R. 2,032	1,979	4,011							
P. 103	115	218	...	218	188	25	...	213	5
R 269	73	342							
P. 85	72	157	...	157	90	32	...	122	35
R. 43	11	54							
P. 88	85	173	...	173	112	57	1	170	3
R. 203	81	284							
P. 59	45	104	...	104	68	28	1	97	7
R. 959	473	1,432							
P. 90	78	168	...	168	154	14	...	166	2
R. 97	6	103							
P. 21	19	40	...	40	39	1	...	40	...
R. ...	...	...							
P. 254	237	491	...	491	161	220	36	422	69
R. 671	284	955							
P. 141	182	323	...	223	41	196	73	318	5
R. 183	126	309							
P. 60	57	117	...	117	4	39	6	50	67
R. 60	11	71							
P. 186	200	386	...	386	10	198	110	324	62
R. 48	76	124							
P. 155	151	306	...	306	26	235	20	281	24
R. 133	25	158							
P. 142	124	266	...	266	162	60	13	235	31
R. 203	115	318							
P. 174	201	375	...	375	115	219	16	352	23
R. 101	5	106							

STATEMENT

No.	Circles and Districts or Towns.	Re-vaccination		
		Total.	Successful.	Unknown.
1	2	15	16	17
	B—TOWNS—*contd.*			
	DHARWAR DISTRICT—			
117	Dharwar	1,604	179	404
118	Hubli	4,379	729	2,143
119	Gadag	5,764	502	4,287
120	Ranebennur	2,782	833	878
121	Navalgund	945	124	373
122	Annigeri	588	256	204
123	Bankapur	426	28	90
124	Byadgi	673	169	413
125	Hangal	144	11	85
126	Haveri	641	333	408
127	Nargund	927	151	404
128	Ron	4,011	642	2,357
129	Shiggaon	342	13	135
130	Tuminkatti	54	7	22
131	Kundgol	284	86	92
132	Gudgeri	1,432	346	879
133	Shirhatti	103	103	.....
134	Laxmeshwar	.....	.....	.....
	KARWAR DISTRICT—			
135	Karwar	955	68	511
136	Kumta	309	85	150
137	Gokarn	71	.....	64
138	Honawar	124	4	24
139	Bhatkal	158	23	70
140	Haliyal	318	36	99
141	Sirsi	196	8	61

No. I—*contd.*

Percentage of successful cases in which the results were known.		Number of all successful vaccinations and re-vaccinations performed by the vaccination staff only.
Primary.	Re-vaccination.	
18	19	20
99·87	14·92	1,702
99·97	32·60	4,255
100·00	33·99	1,827
100·00	43·80	1,737
100·00	21·68	235
100·00	66·67	497
100·00	8·33	457
99·44	65·00	525
99·62	18·64	271
100·00	100·00	628
99·57	28·87	497
100·00	38·21	996
100·00	12·35	226
100·00	21·57	129
100·00	44·79	256
100·00	62·57	443
100·00	100·00	269
100·00	...	40
100·00	15·32	490
100·00	53·46	403
100·00	...	50
100·00	4·00	328
99·65	26·14	304
100·00	16·44	271
100·00	17·78	360

STATEMENT

No.	Districts or Towns.	Mid year estimated Population of the Towns for the year 1948.	Average number of Vaccinators employed throughout the year.
1	2	3	4
	B—TOWNS—*contd.*		
	KOLHAPUR DISTRICT—		
142	Kolhapur	1,02,608	.....
143	Vadgaon	5,521	.....
144	Kodoli	7,442	.....
145	Malkapur	3,132	.....
146	Ichalkaranji	20,490	.....
147	Gadhinglaj	9,943	.....
148	Narsivhanwadi	2,961	.....
149	Shirol	7,670	.....
150	Hatkanagle	3,665	.....
151	Kapshi	2,977	.....
152	Kagal	8,857	.....
153	Murgud	4,991	.....
	SURAT DISTRICT—		
154	Surat Municipality	188,310	.....
155	Rander Town circle	16,770	.....
156	Bardoli do.	8,485	.....
157	Bulsar do.	25,170	.....
158	Pardi do.	7,223	.....
	BROACH DISTRICT—		
159	Broach Municipality	73,785	.....
160	Amod	8,513	.....
161	Jambusar	16,332	.....
162	Ankleshwar	16,379	.....
163	Hansot	6,099	.....
	KAIRA DISTRICT—		
164	Kaira	7,702	.....
165	Mehmedabad	8,425	.....
166	Nadiad Municipality	56,443	.....
167	Mahudha	8,889	.....
168	Borsad Town Circle	20,053	.....
169	Anand do.	21,729	.....
170	Umreth	18,757	.....
171	Dakor do.	11,571	.....
172	Kapadvanj do.	23,525	.....
173	Matar	4,444	.....

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.					
				Total.	Successful.				Unknown.
Male.	Female.	Total.			Under one year.	One and under six years.	Five years and under ten years.	Total of all ages.	
5	6	7	8	9	10	11	12	13	14
P. 2,366	2,285	4,651	...	4,651	39	2	...	41	4,607
R. 1,694	983	2,677	...						
P. 109	121	230	...	230	155	14	2	171	57
R.	...	...	...						
P. 57	58	115	...	115	97	...	...	97	18
R.	...	...	...						
P. 76	50	126	...	126	65	6	...	71	55
R. 296	293	589	...						
P. 466	430	896	...	896	325	27	...	352	543
R.	...	...	...						
P. 149	148	297	...	297	228	25	...	253	41
R.	...	...	...						
P. 26	34	60	...	60	11	1	...	12	48
R.	...	...	...						
P. 156	146	302	...	302	161	10	2	173	129
R. 132	99	231	...						
P. 68	43	111	...	111	83	6	...	89	22
R.	...	...	...						
P. 43	44	87	...	87	69	6	...	75	12
R. 153	16	169	...						
P. 157	146	303	...	303	239	20	1	260	43
R. 99	112	211	...						
P. 95	105	200	...	200	167	19	2	188	11
R.	...	...	...						
P. 364	3,426	7,068	...	7,068	5,697	1,371	...	7,068	...
R. 1,576	1,478	3,054							
P. 209	243	452	...	452	96	44	...	140	312
R. 41	34	75							
P. 142	130	272	...	272	185	68	9	262	10
R. 207	107	314							
P. 481	433	914	...	914	289	191	6	486	426
R. 132	93	225							
P. 181	145	326	...	326	205	110	11	326	...
R. 331	282	613							
P. 1,603	1,395	2,998	...	2,998	2,300	246	2	2,565	429
R. 2,269	1,381	3,650							
P. 83	64	147	...	147	95	35	3	133	14
R. 744	394	1,138							
P. 283	223	506	...	506	267	128	9	404	99
R. 1,878	1,541	3,419							
P. 259	288	547	...	547	280	35	...	315	232
R. 419	304	723							
P. 42	38	80	...	80	15	2	...	17	81
R. 133	94	227							
P. ...	...	...	...	...	...	...	...	...	...
R. ...	...	...							
P. ...	...	...	...	...	...	...	...	...	...
R. ...	...	...							
P. 1,009	745	1,754	...	1,754	1,342	249	2	1,594	120
R. 445	171	616							
P. ...	...	...	...	...	...	...	...	...	...
R. ...	...	...							
P. 2	2	4	...	4	3	1	...	4	...
R. 5	8	13							
P. 504	467	971	...	971	619	151	...	970	187
R. 1,489	879	2,368							
P. 222	168	390	...	390	157	56	...	213	175
R. 457	229	686							
P. 95	81	176	...	176	55	26	...	81	93
R. 222	62	284							
P. 270	252	522	...	522	402	53	5	460	58
R. 60	41	102							
P. ...	...	...	...	...	...	...	...	...	...
R. ...	...	...							

STATEMENT

No.	Districts or Towns.	Re-vaccination.		
		Total.	Successful.	Unknown.
1	2	15	16	17
	B—TOWNS—*contd.*			
	KODHAPFR DISTRICT—*contd.*			
142	Kolhapur	2,677	...	2,677
143	Vadgaon	...	...	...
144	Kedoli	...	...	...
145	Malkapur	589	...	589
146	Ichalkaranji	...	...	...
147	Gadhinglaj	...	...	...
148	Narsivhanwadi	...	...	...
149	Shiral	231	85	146
150	Hatkanagle	...	...	...
151	Kapshi	169	93	71
152	Kagal	211	131	80
153	Murgud	...	...	...
	SURAT DISTRICT—			
154	Surat Municipality	3,054	1,604	1,368
155	Rander Town Circle	75	10	16
156	Bardoli do.	314	10	46
157	Bulsar	225	19	171
158	Pardi	613	172	288
	BROACH DISTRICT—			
159	Broach Municipality	3,650	124	3,360
160	Amodi	1,138	115	347
161	Jambusar	3,419	555	1,441
162	Ankleshwar	723	75	465
163	Hansot	227	111	56
	KAIRA DISTRICT—			
164	Kaira	...	...	...
165	Mehmedabad	...	...	...
166	Nadiad Municipality	616	1	308
167	Mahudha	...	...	...
168	Borsad Town Circle	13	4	1
169	Anand do.	2,368	64	1,178
170	Umreth do.	686	15	553
171	Dakor do.	284	109	164
172	Kapadvanj do.	102	30	37
173	Matar	...	...	...

No. I—*contd.*

Percentage of successful cases in which the results were known		Number of all successful vaccinations and re-vaccinations performed by the vaccination staff only.
Primary.	Re-vaccination.	
18	19	20
97·62	.....	41
98·84	.....	171
100·00	.....	97
100·00	.....	71
99·72	.....	352
98·83	.....	253
100·00	.....	12
100·00	100·00	258
100·00	.....	89
100·00	94·88	168
100·00	100·00	391
99·47	.....	188
100·00	59·61	8,672
100·00	16·94	150
100·00	37·31	272
99·59	35·19	505
100·00	52·92	498
99·84	42·75	2,689
100·00	14·53	248
99·26	18·63	959
100·00	29·69	390
36·69	64·91	128
0·0	...	...
0·0	...	...
97·55	3·24	1,595
0·0	...	...
100·00	33·33	8
21·68	53·78	1,034
99·08	11·27	228
97·59	90·83	190
99·13	46·15	490
0·0	...	...

STATEMENT

No.	District or Town.	Mid year estimated Population of the Towns for the year 1931.	Average number of Vaccinators employed throughout the year.
1	2	3	4
	B—TOWNS—*concld.*		
	PANCH MAHALS DISTRICT—		
174	Godhra	47,719	.....
175	Dohad	12,666	.....
176	Jhalod	9,442	.....
177	Kalol	7,029	.....
178	Halol	7,115	.....
	AHMEDABAD DISTRICT—		
179	Ahmedabad (Municipality)	717,459	.....
180	Dhandhuka Town circle	12,875	.....
181	Dholera	4,067	.....
182	Ranpur	8,440	.....
183	Sanand	9,908	.....
184	Viramgam	32,548	.....
185	Mandal	6,164	.....
186	Patadi Town Circle	8,040	.....
187	Prantij	9,068	.....
188	Modasa	13,906	.....
189	Dholka	20,113	.....
190	Ahmedabad Cantonment	3,503	.....
	EAST KHANDESH DISTRICT—		
191	Jalgaon (Municipality)	64,187	.....
192	Nasirabad	14,392	.....
193	Asoda	8,458	.....
194	Yawal	14,496	.....
195	Faizpur	13,120	.....
196	Erandol	17,472	.....
197	Dharangaon	20,904	.....
198	Naroda	7,596	.....
199	Amalner Municipality	43,193	.....
200	Pardi	17,617	.....
201	Chalisgaon	26,955	.....
202	Pachora	11,640	.....
203	Nagardeola	7,345	.....
204	Bhadgaon	9,258	.....
205	Chopda	24,969	.....

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.					
				Total.	Successful.				Unknown.
Male.	Female.	Total.			Under one year.	One and under six years.	Five years and under ten years.	Total of all ages.	
5	6	7	8	9	10	11	12	13	14
P. 672	607	1,279	...	1,279	762	167	15	944	321
R. 2,093	934	3,027							
P. 485	524	1,009	...	1,009	515	221	1	737	271
R. 443	326	769							
P. 132	111	243	...	243	190	32	2	224	17
R. 5	...	5							
P. 166	143	309	...	309	176	61	7	244	56
R. 4	4	8							
P. 129	125	254	...	254	194	42	...	232	6
R. ...	...	6							
P. 12,807	11,585	24,448	...	24,448	18,572	2,139	31	20,774	3,202
R. 1,13,364	62,153	175,517							
P. 104	84	188	...	188	118	70	1	129	59
R. 1	...	1							
P.	...	...	...	...	...	...	...	...	...
R.	...	...							
P. 39	56	95	...	95	7	2	...	9	86
R. 492	330	822							
P. 186	262	548	...	548	362	72	4	438	107
R. 484	511	995							
P. 350	320	670	...	670	490	144	3	636	27
R. 226	157	383							
P.	...	...	...	...	...	...	...	...	...
R.	...	...							
P.	...	...	...	...	...	...	...	...	...
R.	...	...							
P. 212	172	384	...	384	181	39	22	242	136
R. 275	38	313							
P. 175	125	301	...	301	214	61	...	275	25
R. 213	10	223							
P. 378	403	781	...	781	616	71	...	687	88
R. 785	312	1,097							
P. 46	52	98	...	98	87	11	...	98	...
R. 32	18	50							
P. 1,064	1,015	2,079	...	2,079	1,432	203	1	1,636	439
R. 54	27	81							
P.	...	...	...	...	...	...	...	...	...
R.	...	...							
P.	...	...	...	...	...	...	...	...	...
R.	...	...							
P. 198	225	423	...	423	349	37	...	393	23
R.	...	...							
P. 99	80	179	...	179	177	2	...	179	...
R.	...	...							
P. 295	269	564	...	564	528	36	...	564	...
R. 28	...	28							
P. 277	288	565	..	565	404	77	...	481	84
R. 161	51	212							
P.	...	...	...	...	...	...	...	...	...
R.	...	...							
P. 866	714	1,580	...	1,580	1,318	187	10	1,515	63
R. 636	91	727							
P. 208	222	430	...	430	321	39	10	370	60
R. 417	97	516							
P. 490	448	938	...	938	647	243	2	922	16
R. 644	170	814							
P. 361	262	623	...	623	388	126	33	547	75
R. 835	392	1,227							
P.	...	...	...	...	...	...	...	...	...
R.	...	...							
P. 101	94	195	...	195	133	33	...	166	29
R. 420	13	433							
P. 335	292	627	...	627	489	72	...	562	65
R. 34	...	34							

STATEMENT

No.	District or Town.	Re-vaccination.		
		Total.	Successful.	Unknown.
1	2	15	16	17
	B—TOWNS—*contd.*			
	PANCH MAHALS DISTRICT—			
174	Godhra	3,027	387	1,521
175	Dohad	769	75	448
176	Jhalod	5	1	2
177	Kalol	8	2	3
178	Halol	6	2	.....
	AHMEDABAD DISTRICT—			
179	Ahmedabad Municipality	175,571	.....	175,517
180	Dhandhuka Town Circle	1	.....	1
181	Dholera	.....	.....	.....
182	Ranpur	822	20	333
183	Sanand	995	48	517
184	Viramgam	383	75	128
185	Mandal	.....	.....	.....
186	Patadi Town Circle	.....	.....	.....
187	Prantij	313	47	143
188	Modasa	223	38	67
189	Dholka	1,009	224	158
190	Ahmedabad Cantonment	50	48	.....
	EAST KHANDESH DISTRICT—			
191	Jalgaon Municipality	89	33	99
192	Nasirabad	.....	.....	.....
193	Asoda	.....	.....	.....
194	Yawal	.....	.....	.....
195	Faizpur	.....	.....	.....
196	Erandol	28	17	.....
197	Dharangaon	565	15	19
198	Naroda	.....	.....	.....
199	Amalner Municipality	727	426	272
200	Pardi	516	167	186
201	Chalisgaon	14	174	253
202	Pachora	1,237	449	128
203	Nagardeola	.....	.....	.....
204	Bhadgaon	433	.....	433
205	Chopda	34	15	.....

No. I—*contd.*

Percentage of Successful cases in which the results were known.		Number of all successful vaccinations and re-vaccinations performed by the vaccination staff only.
Primary.	Re-vaccination.	
18	19	20
98·54	25·69	1331
99·86	23·36	812
99·10	33·34	225
96·45	100·00	246
93·54	31·83	234
97·87	.....	20,774
100·00	.....	129
.....	.....	.....
100·00	40·89	29
99·33	10·04	486
98·33	29·42	711
.....	.....	.....
.....	.....	.....
97·57	27·65	289
99·26	15·02	313
99·15	28.76	1,957
100·00	96·00	146
99·27	13·63	639
.....	.....	.....
.....	.....	.....
98·04	22·60	229
100·00	16·30	209
100·00	60·70	581
100·00	27·48	496
.....	.....	.....
99·86	93·63	1,941
100·00	51·54	537
100·00	31·01	1,096
99·79	17·39	995
.....	.....	.....
100·00	00·00	166
100·00	44·12	577

STATEMENT

No.	District or Town.	Mid year estimated Population of the Towns for the year 1931.	Average number of Vaccinators employed throughout the year.
1	2	3	4
	B—TOWNS—*contd.*		
	WEST KHANDESH DISTRICT—		
206	Adawad do.	6,481	.....
207	Raver do.	11,279	... ..
208	Savda do.	12,183	.....
209	Bhusawal do.	43,371	.....
210	Varangaon	7,714	.....
211	Badwad	8,505	.....
212	Jamner	9,484	.....
213	Shendurni	10,871	.....
214	Dhulia Municipality	66,697	.....
215	Nandurbar	26,630	.....
216	Shindkheda	75,45	.....
217	Betawad	4,907	.....
218	Shirpur	14,404	.....
219	Shahada Municipality	10,200	.....
220	Taloda	13,064	.....
221	Nawapur	7,889	.....
222	Palanpur	26,750	.....
223	Dolra	69,66	.....
224	Radhaipur	11,959	.....
225	Himgtnagar	4,052	.....
226	Vadali	8,095	.....
227	Idar	5,741	.....
228	Baroda Town Circle	1,88,000	.....
229	Patan do.	42,608	.....
230	Bombay City	14,89,883	.....
	Total of Towns ...	7,283,258	.....
	Total of Dispensary Staff ...	.....	.....
	Total of Private Medical Practitioners ...	.....	.....
	Total of Railway Dispensaries ...	.....	.....
	Grand Total ...	33,269,627	.....

No. I—*contd.*

Total number of persons vaccinated.			Average number of persons vaccinated by each Vaccinator.	Primary Vaccination.					
				Total.	Successful.				Unknown.
					Under one year.	One and under six years.	Five years and under ten years.	Total of all ages.	
Male.	Female.	Total.							
5	6	7	8	9	10	11	12	13	14
P.	...	...	...	...	...	...	...	...	...
R.	...	...							
P. 191	184	375	...	375	299	37	1	377	...
R. 24	...	24							
P. 148	137	285	...	285	265	70	...	285	...
R.	...	...							
P. 966	857	1,823	...	1,823	1,424	388	11	1,823	...
R. 412	189	609							
P. ...	...	...	...	...	...	...	...	...	...
R. ...	...	...		...	...	...	...		
P. ...	...	...	...	...	...	...	...	...	...
R. ...	...	..		...	...	...	...		
P. 209	164	373	...	373	333	40	...	373	...
R. 67	...	67		...	...	...	...		
P. ...	...	...	...	...	...	...	...	...	...
R. ...	...	...		...	...	...	...		
P. 699	645	1,344	...	1,344	969	188	31	1,188	106
R. 4,260	2,297	6,557		...	...	...	...		
P. 365	329	694	...	694	540	80	4	624	70
R. 38	22	60		...	...	...	...		
P. ...	...	...	...	...	...	...	...	...	...
R. ...	...	...		...	...	...	...		
P. ...	...	...	...	...	...	...	...	...	...
R. ...	...	...		...	...	...	...		
P. 59	85	144	...	144	139	3	...	142	2
R. ...	...	...		...	...	...	...		
P. 187	172	359	...	359	280	78	...	358	1
R. 216	2	218		...	...	...	...		
R. 114	128	242	...	242	191	19	...	215	27
P. ...	...	...		...	...	...	...		
P. ...	...	...	...	...	...	...	...	...	...
R. ...	...	...		...	...	...	...		
P. 355	352	707	...	707	433	123	15	570	98
R. 960	757	1,717		...	...	...	...		
P. 99	89	188	...	188	106	39	...	145	42
R. 95	69	164		...		...	...		
P. 405	338	743	...	743	527	200	3	730	13
R. 1,058	154	1,212		...	...	...	...		
P. 85	64	149	...	149	108	34	...	142	7
R. 371	47	418		...	...	...	...		
P. 59	78	137	...	137	103	15	...	118	17
R. 1	3	4		...	...	...	...		
P. 104	87	191	...	191	159	28	2	189	2
R. 7	...	7		...	...	...	...		
P. 4,035	3,804	7,839	...	7,839	...	...	...	7,744	...
R. 16,078	12,642	28,720		...	...	...	...		
P. 925	867	1,792	...	1,792	...	...	...	1,608	...
R. ...	...	...		...	...	...	...		
P. 3,85,588	34,884	73,472	...	73,472	45,860	14,419	449	60,528	12,921
R. 12,36,434	5,66,814	16,27,410		...	...	...	...		
P 135,934	124,924	260,858	...	260,858	159,701	32,136	2,821	2,13,952	45,398
R. 1,529,439	566,814	2,096,253		...	...	...	...		
P. 3	2	5	...	5	4	1	...	5	...
R. 3,052	117	3,169		...	...	...	...		
P. 27	19	46	...	46	41	5	...	46	...
R. 38	26	64		...	...	...	...		
P. 1,105	788	1,893	...	1,893	891	543	178	1,625	39
R. 3,384	2,113	5.497		...	...	...	...		
P. 530,800	492,891	1,023,691	...	10,23,691	643,591	166,085	17,106	8,24,581	1,96,053
R. ...	...	...		...	...	...	...		

STATEMENT

No.	District or Town.	Re-vaccination.		
		Total.	Successful.	Unknown.
1	2	15	16	17
	EAST KHANDESH DISTRICT—*contd.*			
206	Adawad do.	.....	.....	.....
207	Raver do.	24	3	10
208	Savda do.	.....	.....	.....
209	Bhusawal do.	601	155	446
210	Varangaon	.....	.....	.....
211	Badwad	.....	.....	.....
212	Jamner	67	6	38
213	Shendurni	.....	.....	.....
214	Dhulia Municipality	6,557	2,296	2,205
215	Nandurbar	60	2	54
216	Sindkheda	.....	.....	.....
217	Betawad	.....	.....	.....
218	Shirpur	.....	.....	.....
219	Shahada Municipality	218	106	61
220	Taloda	...	.....	.....
221	Nawapur	...	.....	.....
222	Palanpur	1,717	473	881
223	Delra	164	73	61
224	Radhaipur	1,212	.....	1,212
225	Himatnagar	418	170	248
226	Vadali	4	3	1
227	Idar	7	3	3
228	Baroda do.	28,720	5,945	.....
229	Patan Town Circle	1,793	459	.....
230	Bombay City	16,27,410	.....	.....
	Total of Towns ...	20,96,253	56,758	3,29,768
	Total of Dispensary Staff ...	3,169	2,652	128
	Total of Private Medical Practitioners ..	64	.....	64
	Total of Railway Dispensaries ...	5,497	2,851	345
	Grand Total ...	32,60,084	3,06,872	9,15,977

No. I—*contd.*

Percentage of Successful cases in which the results were known.		Number of all successful vaccinations and revaccinations performed by the vaccination staff only.
Primary.	Re-vaccination.	
18	19	20
.....	.....	.....
11·19	21·43	380
100·00	00·00	285
100·00	100·00	1,978
.....	.....	.....
.....	.....	.....
100·90	20·69	379
.....	.....	.....
100·00	52·52	3,484
100·00	33·33	626
.....	.....	.....
.....	.....	.....
100·00	.....	142
100·00	67·51	464
100·00	.....	215
.....	.....	.....
93·59	56·57	1,943
99·31	44·78	218
100·00	00·00	730
100·00	100·00	312
98·33	100·00	121
100·00	75·00	192
98·80	20·70	13,689
89·82	25·61	2.067
99·96	29·25	60,528
99·30	3·21	270,710
100·00	87·21	26,57
100·00	00·00	.....
87·65	55·34	44,74
99·63	13·09	1,131,411

STATEMENT

Comparative Statement showing the number of persons successfully vaccinated in each

Establishment.	Persons			
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	Year 1940-1941 ending			
	1940-1941.		1941.	
Districts excluding Towns	489,316	452,775	487,164	449,217
Towns (Municipalities and Cantonment) ...	170,634	151,455	156,919	156,919
Dispensaries and Medical Officers	2,356	2,027	3,884	3,884
Total ...	662,306	636,057	647,021	647,967

Establishment.	Persons Primarily			
	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
	Year 1940-1941 ending			
	1945.		1946.	
Districts excluding Towns	467,723	404,618	464,218	400,748
Towns (Municipalities and Cantonment) ...	165,780	141,835	182,357	148,499
Dispensaries and Medical Officers	1,079	918	2,480	2,055
Total ...	634,582	547,371	649,055	551,302

*Figures relate to calendar year.

No. II.

primarily vaccinated and the number of persons who were of the undermentioned official years.

PRIMARILY VACCINATED.

Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
ON 31ST MARCH AND THE REMAINING CALENDER YEARS.					
1942.		1943.		1944.	
493,882	450,625	470,493	428,659	481,814	425,343
149,861	132,372	178,638	153,890	189,370	158,843
2,135	1,876	2,754	2,465	1,520	1,408
645,378	584,873	657,885	585,014	670,704	585,594

VACCINATED—*contd.*

Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.	Total Number.	Number successfully vaccinated.
ON 31ST MARCH AND THE REMAINING CALENDER, YEARS.					
1947.		1948.		1949.	
472,840	404,645	479,371	404,095	760,889	608,959
193,444	164,635	215,443	176,692	260,858	213,952
1,456	1,145	8,085	4,583	1,944	1,676
667,740	570,425	702,899	585,370	10,23,691	823,587

STATEMENT

Sum-

	Total number of persons vaccinated.		Total number of operations performed.	
	Primary.	Re-vaccination.	Primary.	Re-vaccination.
Districts excluding Towns	760,889	11,55,101	760,889	11,55,101
Towns	260,858	20,96,253	260,858	20,96,253
By Dispensary Staff	3	3,169	5	3,169
By Private Medical Practitioners	46	64	46	64
By Railway Dispensaries	1,893	5,497	1,893	5,497
Total ...	10,23,691	32,60,084	10,23,691	32,60,084

No. II—*contd.*

mary.

Percentage of successful cases in which results were known.		Number of children successfully vaccinated.		Number of all successful vaccinations performed.
Primary.	Re-vaccination.	Under one year.	One and under six years.	
99·78	42·96	4,82,954	133,400	853,570
99·30	3·21	159,701	32,136	270,710
100·00	87·21	4	1	2,657
100·00	80·00	41	5	.....
87·65	55·34	891	543	4,474
99·63	13·09	6,43,591	166,085	11,31,411

K Bk P 3—18

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CHART NO. 1

DEATHS IN 1949 & PREVIOUS YEARS.

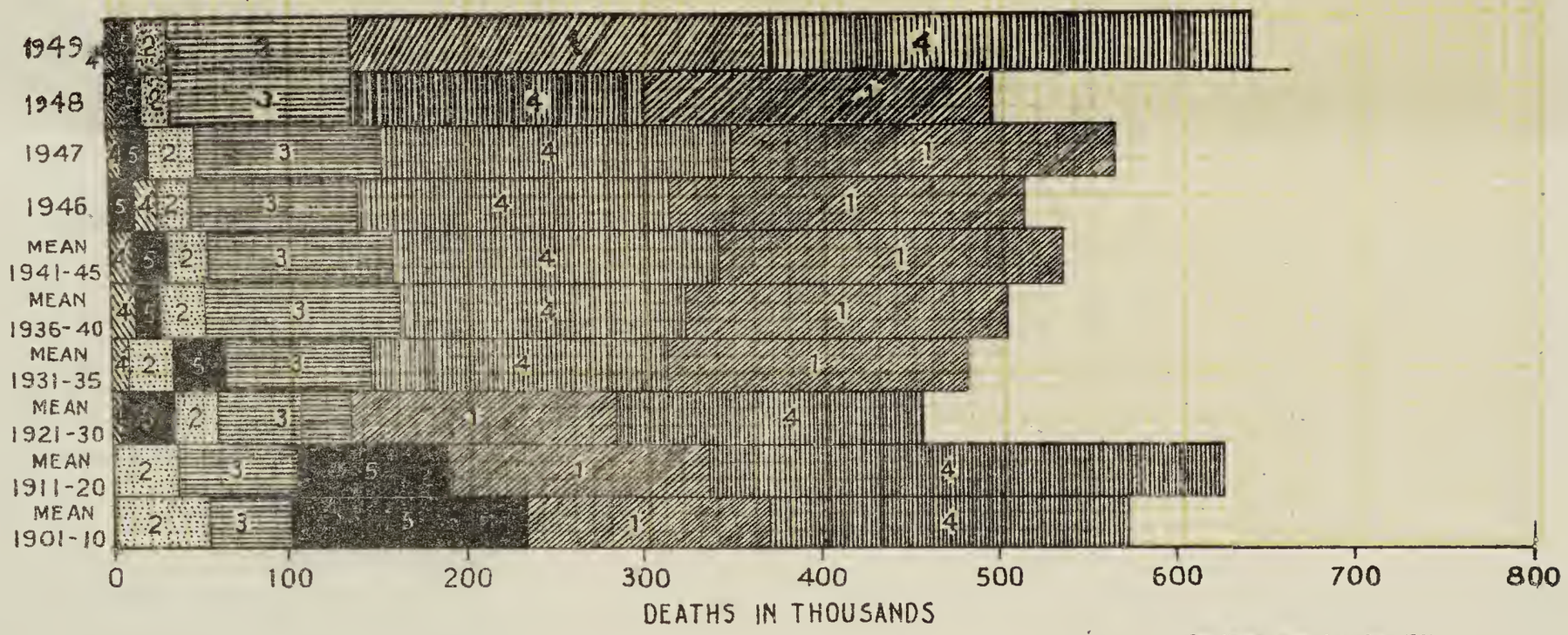

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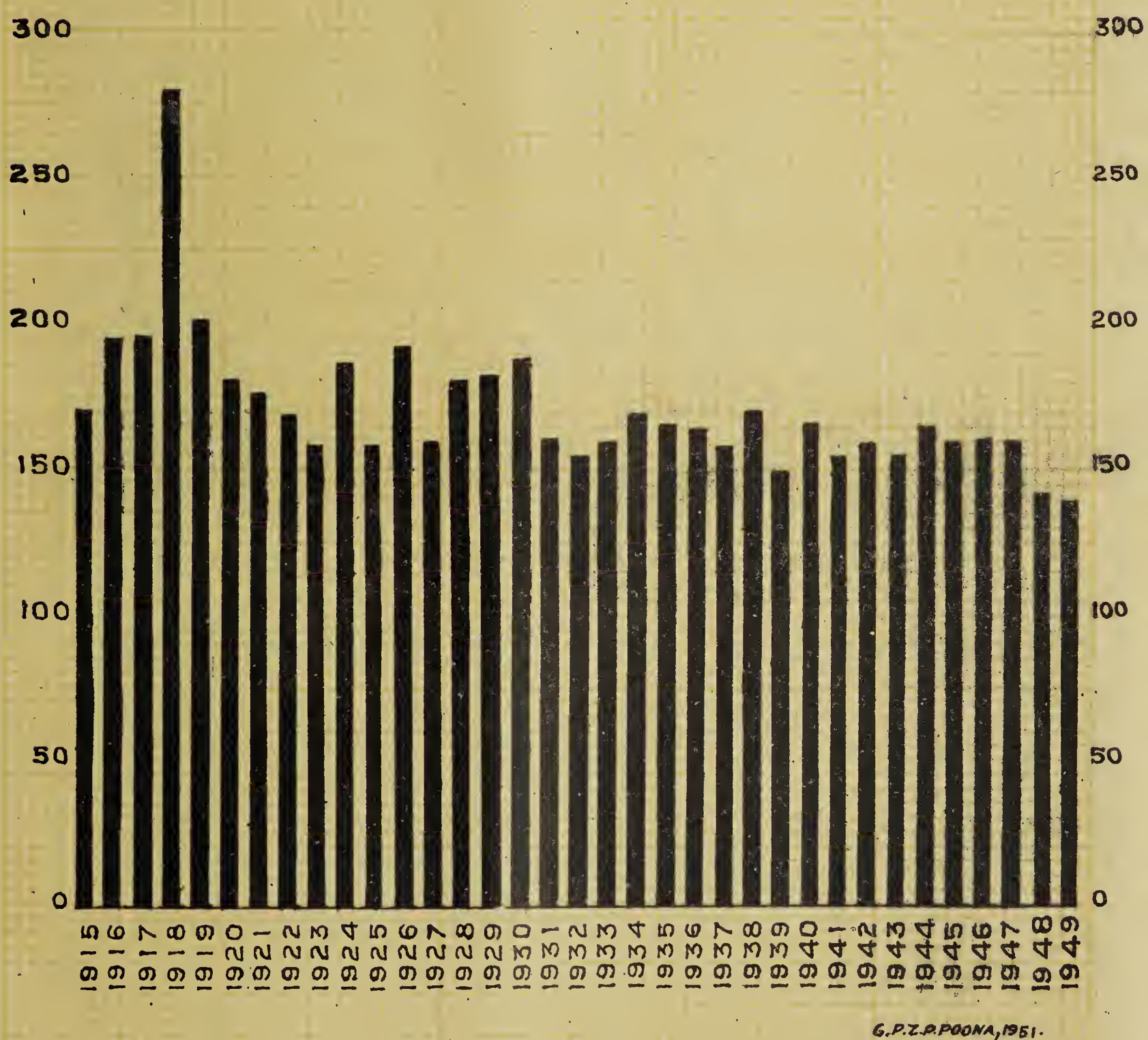
CHART II

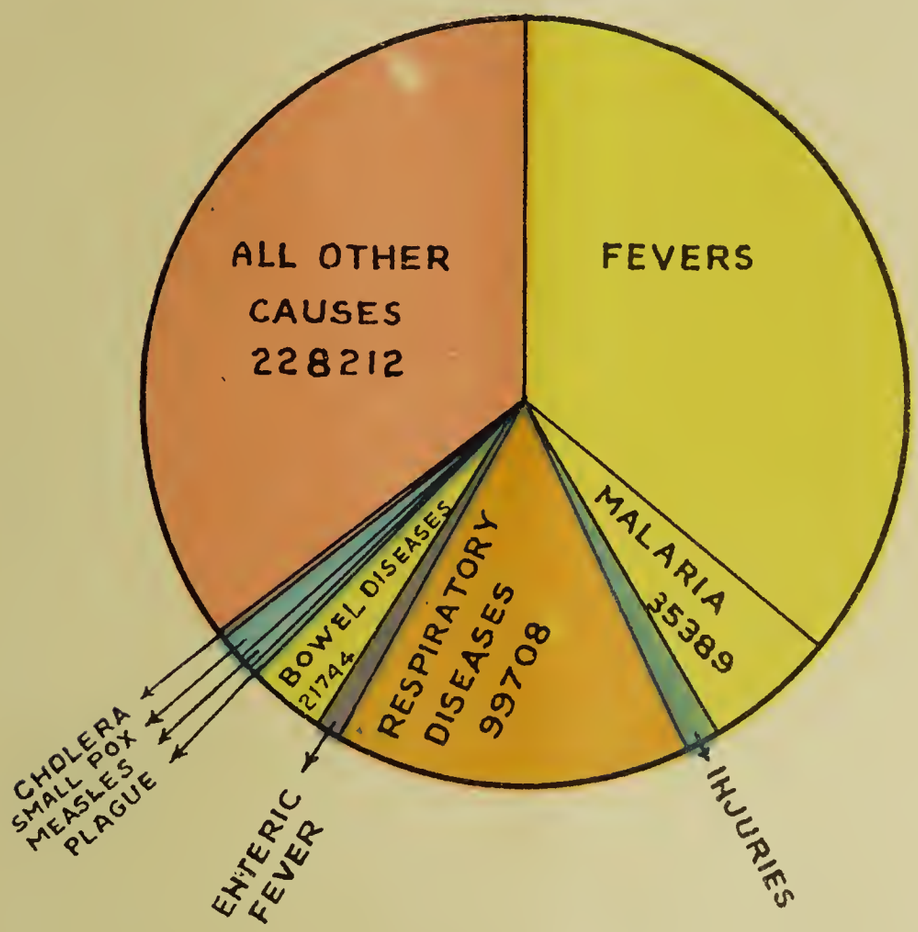
CHART SHOWING INFANT MORTALITY RATE IN THE BOMBAY PROVINCE, FROM 1915 TO 1949



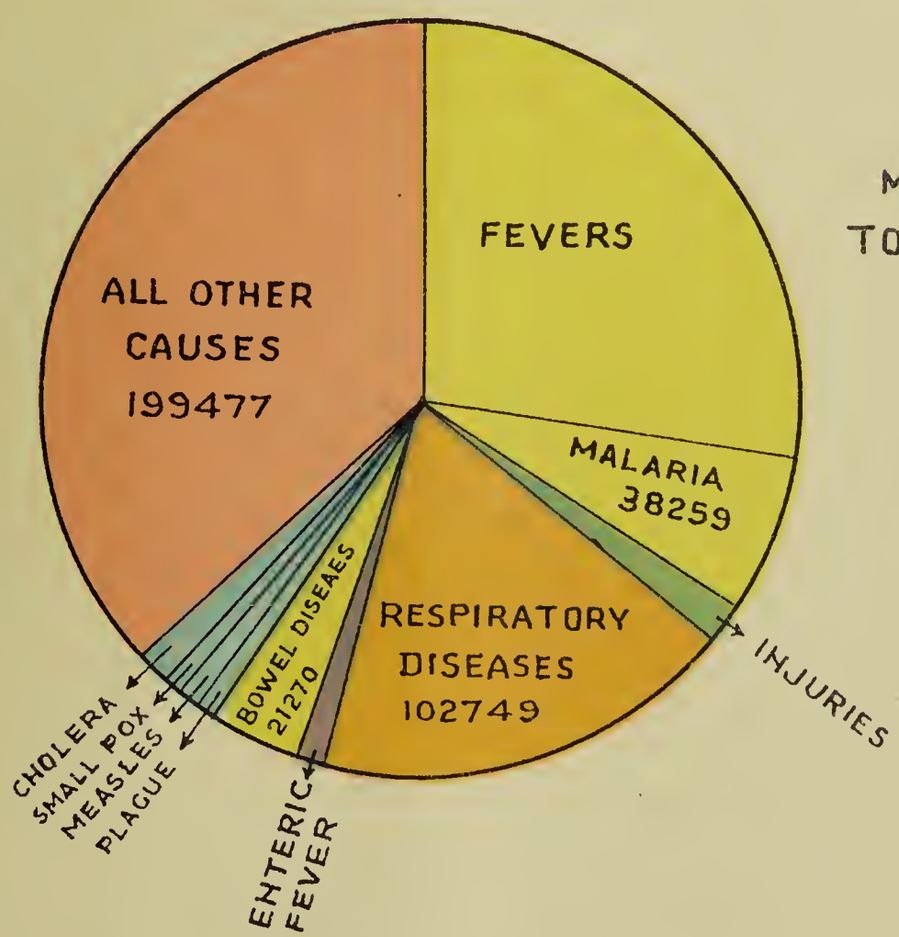
G.P.T.P. POONA, 1951.

CHART No. III

COMPARATIVE STATEMENT OF DEATHS BY CAUSES FOR THE MEAN 1944-1948 & 1949.



YEAR 1949
TOTAL DEATHS
643890

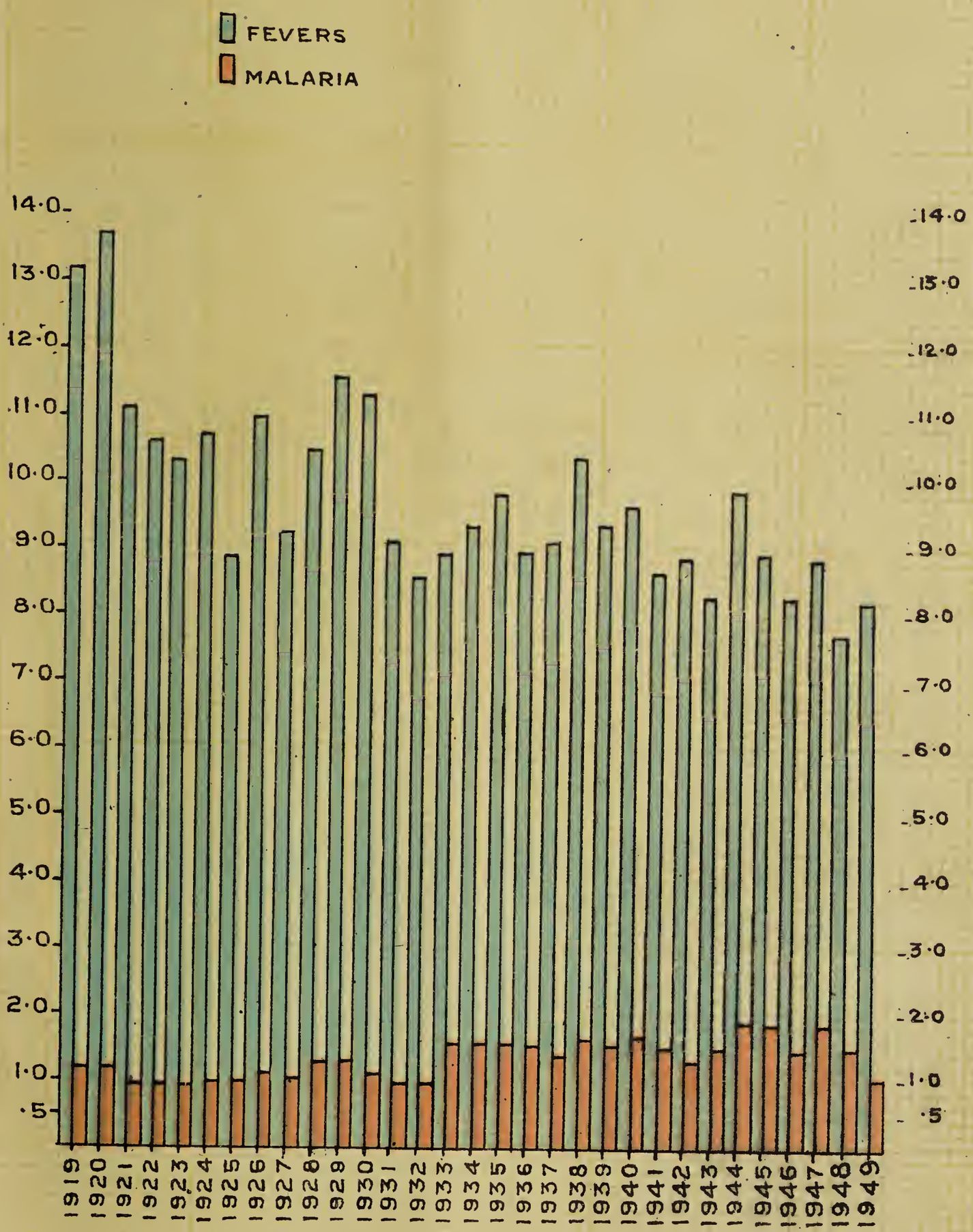


MEAN OF 1944-48
TOTAL DEATHS
544175

G.PZ.P. POONA, 1951.

CHART IV

CHART SHOWING MORTALITY RATE FROM FEVERS & MALARIA BY YEARS FROM 1919 TO 1949



G.P.Z.P. POONA, 1951.

CHART NO. 5

Weekly Incidence of Deaths from Epidemic Diseases During The Year 1949

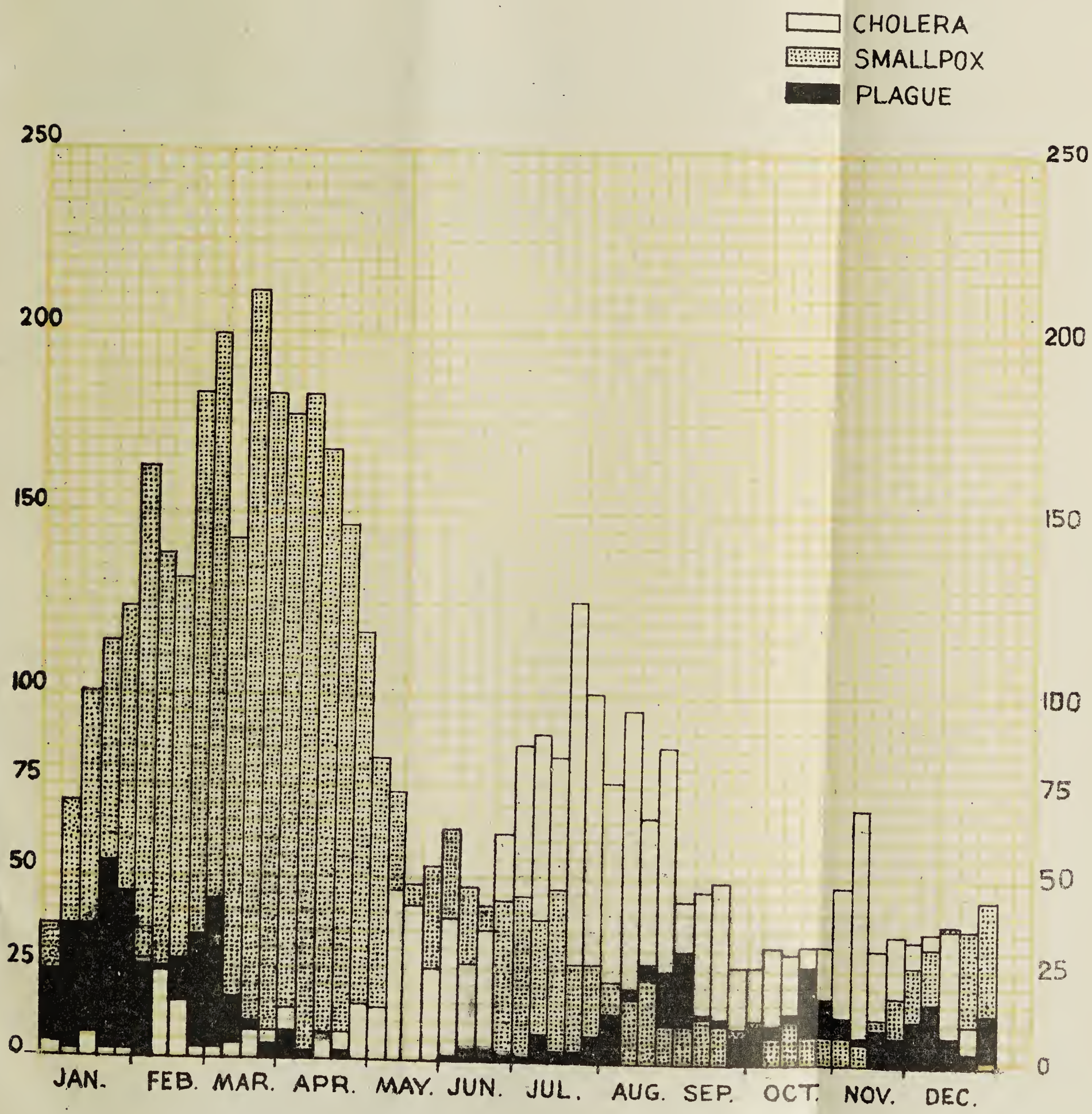


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CHART VI

ANNUAL INCIDENCE OF DEATHS FROM EPIDEMIC DISEASES.

Scale figures represent actual deaths for Plague and Cholera.

Figures are at their log: intervals and only those above 1000 are shown.

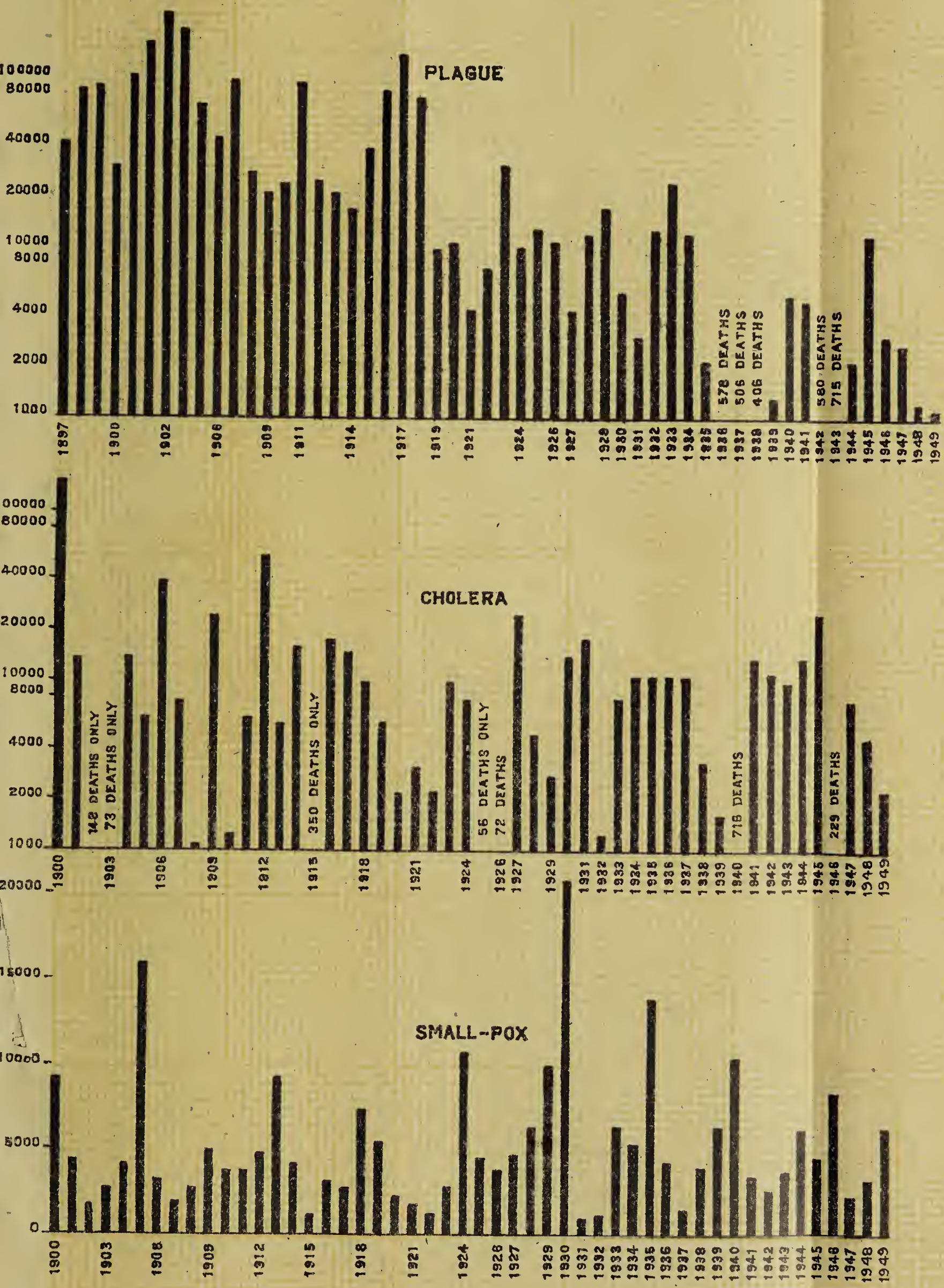

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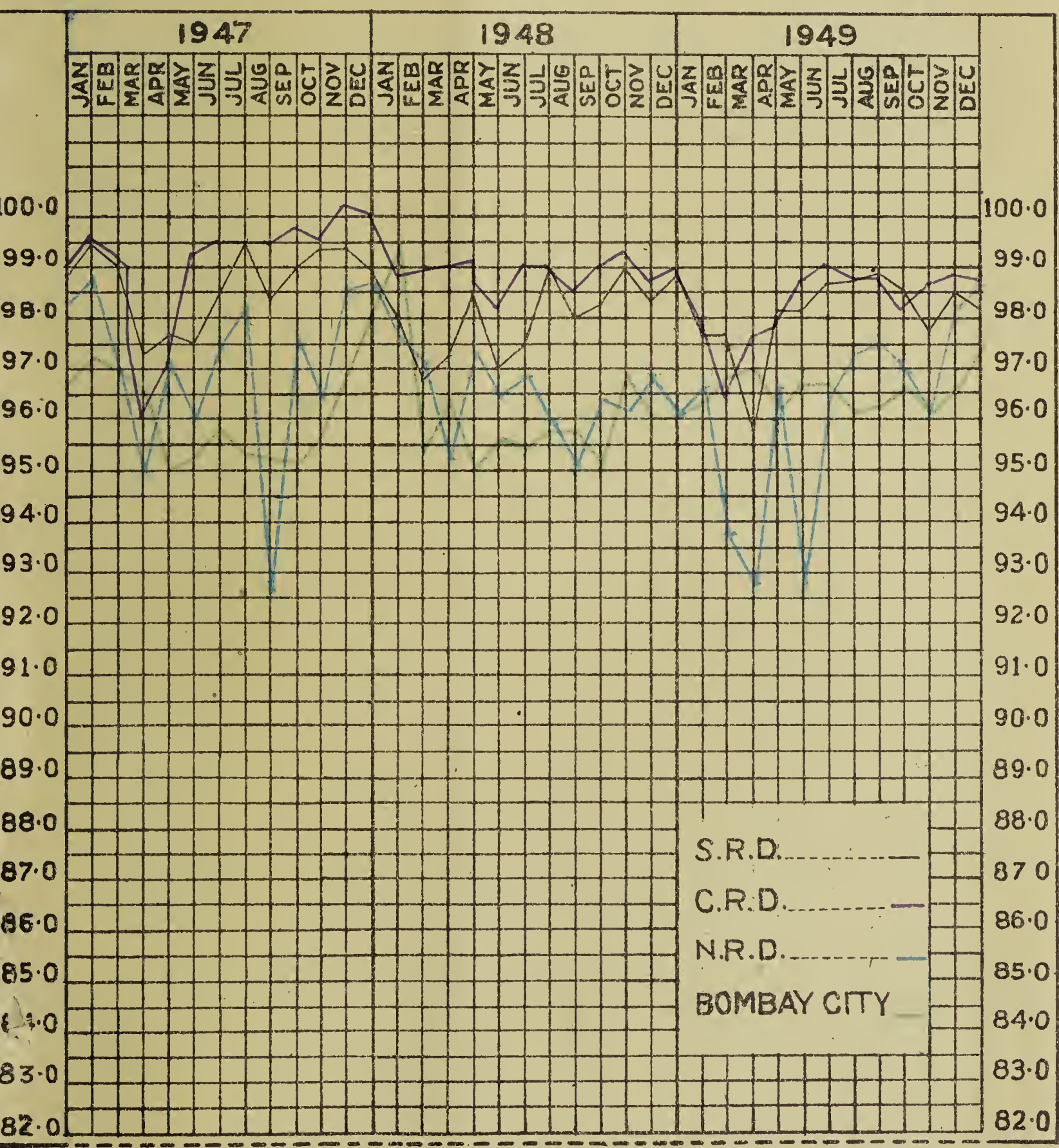
CHART VII

INSERTION SUCCESS RATES OF PRIMARY VACCINATIONS WITH GLICERINATED LYMPH IN THE SEVERAL REGISTRATION DISTRICTS OF THE PROVINCE & BOMBAY CITY FOR THE YEARS 1947, 1948 & 1949.



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